User Guide

swift™

PANTECH

Some of the contents in this manual may differ from your phone depending on the software of the phone. Actual color may vary.

Your phone is designed to make it easy for you to access a wide variety of content. For your protection, we want you to be aware that some applications that you enable may involve the location of your phone being shared. For applications available through AT&T, we offer privacy controls that let you decide how an application may use the location of your phone and other phones on your account. However, the AT&T privacy tools do not apply to applications available outside of AT&T. Please review the terms and conditions and the associated privacy policy for each location-based service to learn how location information will be used and protected. In addition, your AT&T phone may be used to access the internet and to download, and/or purchase goods, applications, and services from AT&T or elsewhere from third parties. AT&T provides tools for you to control access to the Internet and certain Internet content. These controls may not be available for certain devices which bypass AT&T controls.

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Specifications

Design

Touch QWERTY Slider

Displays

- 260k colors TFT with 2.8” display
- 240*320 (QVGA) pixels in resolution

Melodies

MP3, AAC, AAC+, eAAC+ and WMA.

Camera

Integrated 2M CMOS Camera

- Resolution up to 1600 x 1200 (1,920,000 pixels)
- Mpeg4 Video recording/playing up to 15f/s(QVGA size)
- Self-timer function (Off, 3, 5 or 10 seconds)
- Picture album and video album

Dimensions & Weight

- Weight: 117.6g/4.148oz. (with standard battery)
- Dimensions: 109 x 56.6 x 14.8mm
  4.29" x 2.22" X 0.58"

Power Management (Performance)

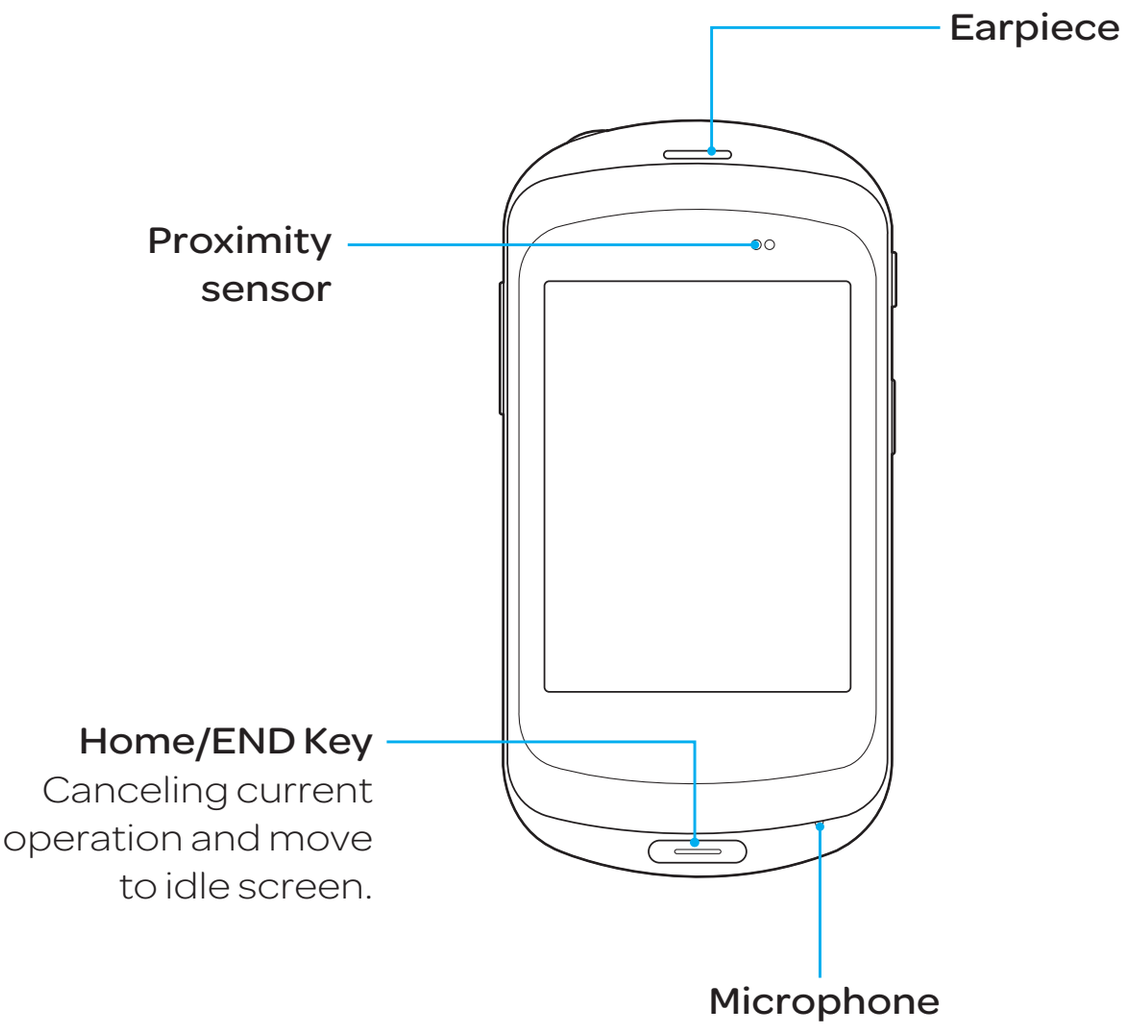
Battery Type	Capacity	Standby Time	Talk Time
Standard Lithium-Ion (Li-ion)	1000 mAh	Up to 250 hours	Up to 3 hours

Operating Frequency

- GSM/GPRS/EDGE 850/900/1800/1900 MHz, UMTS/HSDPA 850/1900 MHz networks in North America, South America, Europe, Africa, and Asia-Pacific where these networks are supported.
- Automatic band switching.

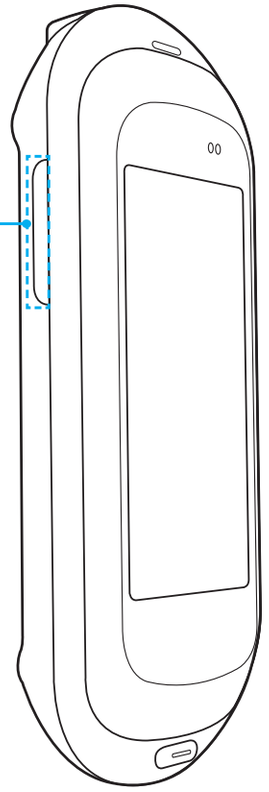
Phone overview

Touch mode view



Side Up/Down Key

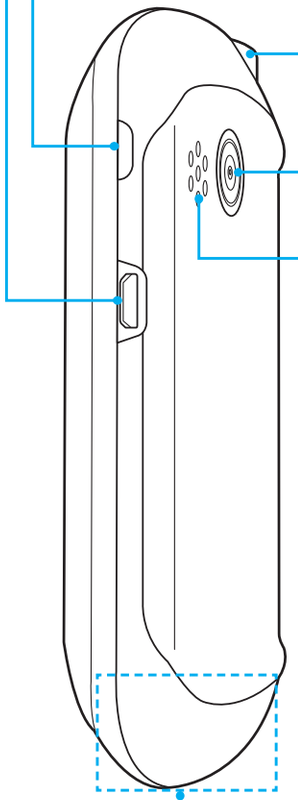
Adjust the earpiece volume. Launch the Multitasking.



Charging / Data jack

Power/Lock Key

Turn the phone on/off.



Headset Jack

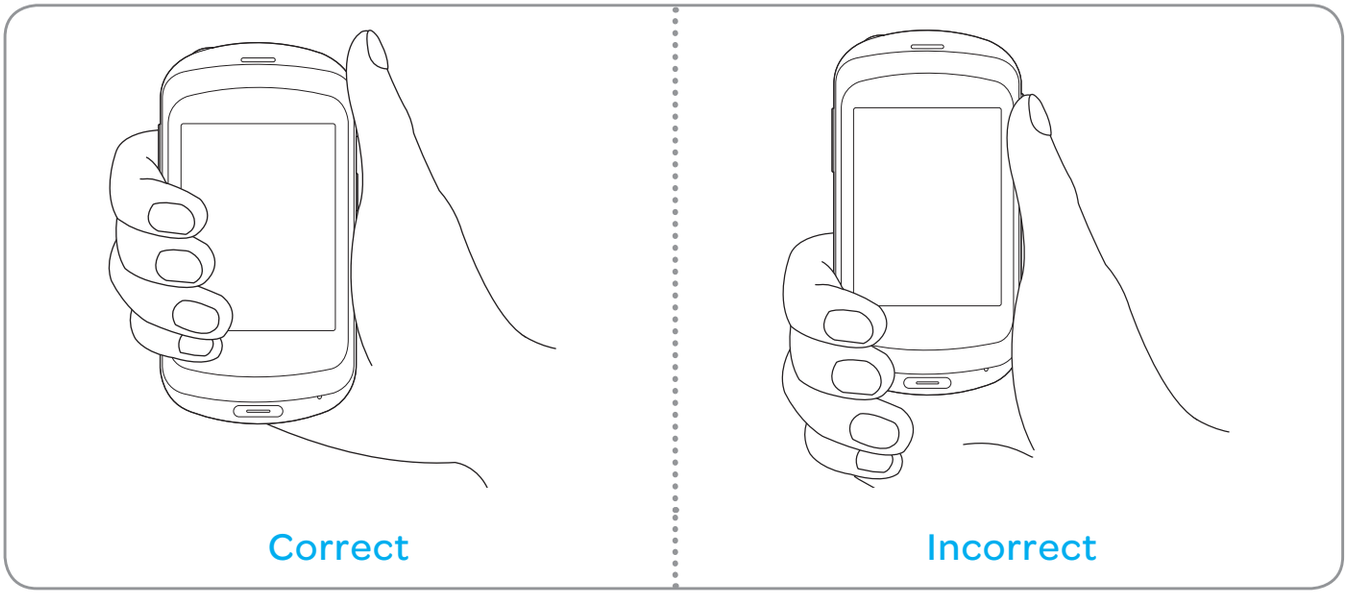
Camera

Speaker

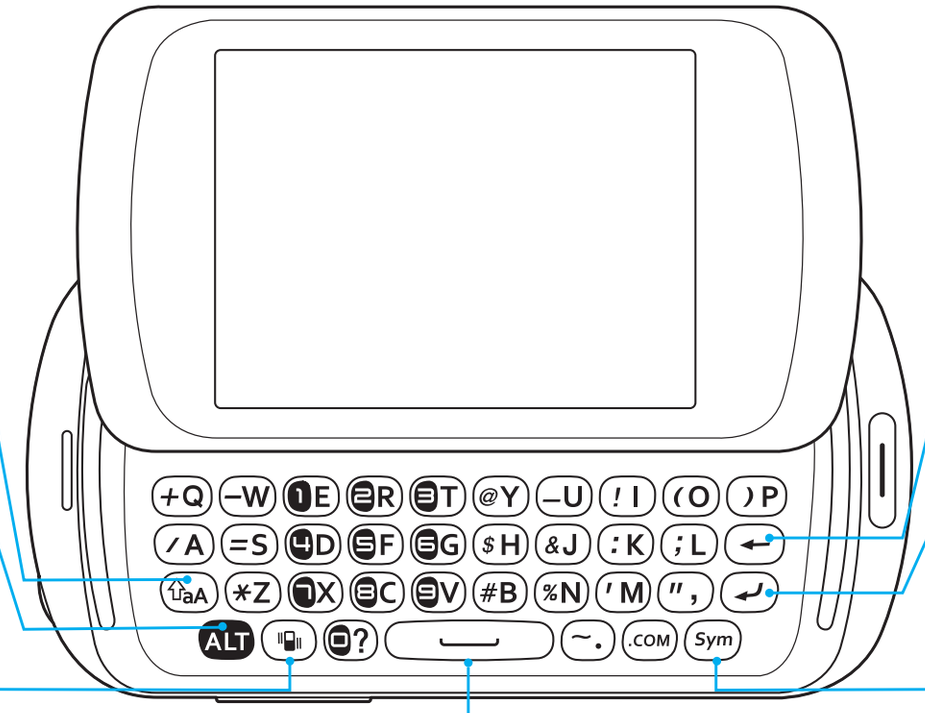
Internal antenna area

Keys	Functions
	Turn on/off the phone if pressed and held. Lock the touch screen.
	Canceling current operation and move to idle screen.
	Adjust the earpiece volume while making a call. Adjust ringtone volume, and control vibrate or standby mode. Mute the ringtone of an incoming call. Launch the multitasking if ⎍ key pressed and held.

ⓘ **Note** If you use metal accessories (stickers) on the phone or hold the device by the internal antenna area while exchanging data or talking on the phone, sound quality may be affected.



QWERTY keypad



CAPS key
Enter capital letters

Alternative key
Enter numbers or symbols

Vibrate key

Delete key
Delete a character/ symbol

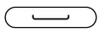
Enter key
Move to the next row

Symbol key
Enter a special symbol

Space key
Insert a space

ⓘ **Note** To use the QWERTY keypad hold the phone horizontally and slide the screen up.

Your phone has a QWERTY keypad which provides a superior typing experience on a small handheld device for easy and comfortable texting. You can use all of the phone functions with the QWERTY keypad.

Keys	Functions
	Press to change Abc ABC abc modes on the text editing screen Abc, ABC, abc (first letter caps/all caps/lowercase).
	To enter symbols and numbers continually, press until **FN** is displayed.
	Press to enter a space in text input mode.
	Move to the next row in text input mode.
	Delete a character to the left of the text cursor in the text editing screen.
	Press to enter a special character that is not on the keypad.
	Quickly connect to the voice mail server if pressed and held while in standby mode.
	Enter numbers, letters or special characters. Go to the dial screen if pressed in standby mode.
	Activate or deactivate vibrate mode if pressed and held in standby mode.
	Enter an international dialing prefix if pressed in standby mode.

Menu Overview

Address Book

Contacts

Groups

Favorites

Local Search

My Settings

Fixed Dial Numbers

My Phone Number

Service Numbers

Messages

Create Message

Templates

Settings

Memory

My AT&T

AppCenter

[S] SIM dependent [N] Network dependent

App Manager

Delete items

View properties

Check for upgrades

Help

Privacy policy

AT&T GPS

AT&T Navigator

AT&T FamilyMap

Maps

WHERE

Web

Home

Bookmarks

Feed

Enter Address

History

Manage

YPmobile

Mobile Email

Yahoo!

AOL

AIM

Hotmail

AT&T Mail

Gmail

Others

Facebook

AT&T Social Net

MySpace

Twitter

My Stuff

App Manager

Games & Apps

Audio

Music

Pictures

Video

Application Data

Other Files

Memory

Tools

Alarm Clock

Calendar

Notepad

Sketch Pad

Voice Memo

World Time

Calculator

Tip Calculator

Converter

Stop Watch

Timer

Settings

Profiles

Display

Call

Phone

Touch

Connectivity

Security

AT&T Software

Update

Reset

TTY

Phone Information

Camera

Pictures

Images

Sketch Pad

Video Player

Music Player

Now Playing

All Music

Playlists

Albums

Artists

Genres

Shop Music

Download Status

Settings

Bluetooth

Settings

Search

My Info

Recent Calls

All Calls

Missed Calls

Received Calls

Dialed Calls

Call Ranking

Delete Call Logs

Call Time

Video Camera

Table of contents

Specifications 3

Phone overview..... 5

Menu Overview..... 10

Getting Started..... 19

SIM card and battery..... 20

Memory card 24

Turning the phone on/off 24

Screen lock/unlock 25

Language 25

Essential display indications..... 26

Screen navigation 28

Missed events 32

Using the Multitask menu 32

Using a memory card..... 33

Updating software 35

PC Suite 36

Calls and address book..... 37

Making, receiving and ending calls 38

Options during a call..... 41

Call settings 44

Checking all calls 44

Speed dialing..... 46

Using the address book..... 47

Address book settings 49

Caller identification 50

Using your headset 50

Service numbers and fixed dialing..... 51

Messaging..... 52

Entering text 53

Messaging..... 56

Receiving messages 58

Creating and sending text messages... 59

Creating multimedia messages 60

Message templates..... 65

Message settings 66
Email 68

Multimedia 69

Camera 70
Picture album 73
Video Player 76
Audio album 78
Playing Music 79
Music Player 79
Music player settings 80
Other files 84
Managing memory 84
Applications 85

Useful Features 86

Alarm 87
Calendar 88
Notepad 89
Sketch pad 89
Voice Memo 91
World time 91
Calculator, tip calculator and converter 92
Stop watch and timer 93

Connectivity 94

Bluetooth 95
Using the Web 97
Setting the Web's profile 100

Settings 102

Phone 103
Ring Tones 103
Display 104
Touch 105
Security Locks 106
Reset 107
TTY 108

Appendix 109

Alert message 110

Troubleshooting checklist..... 111

Safety information 113

Safety precautions..... 114

About the battery usage 115

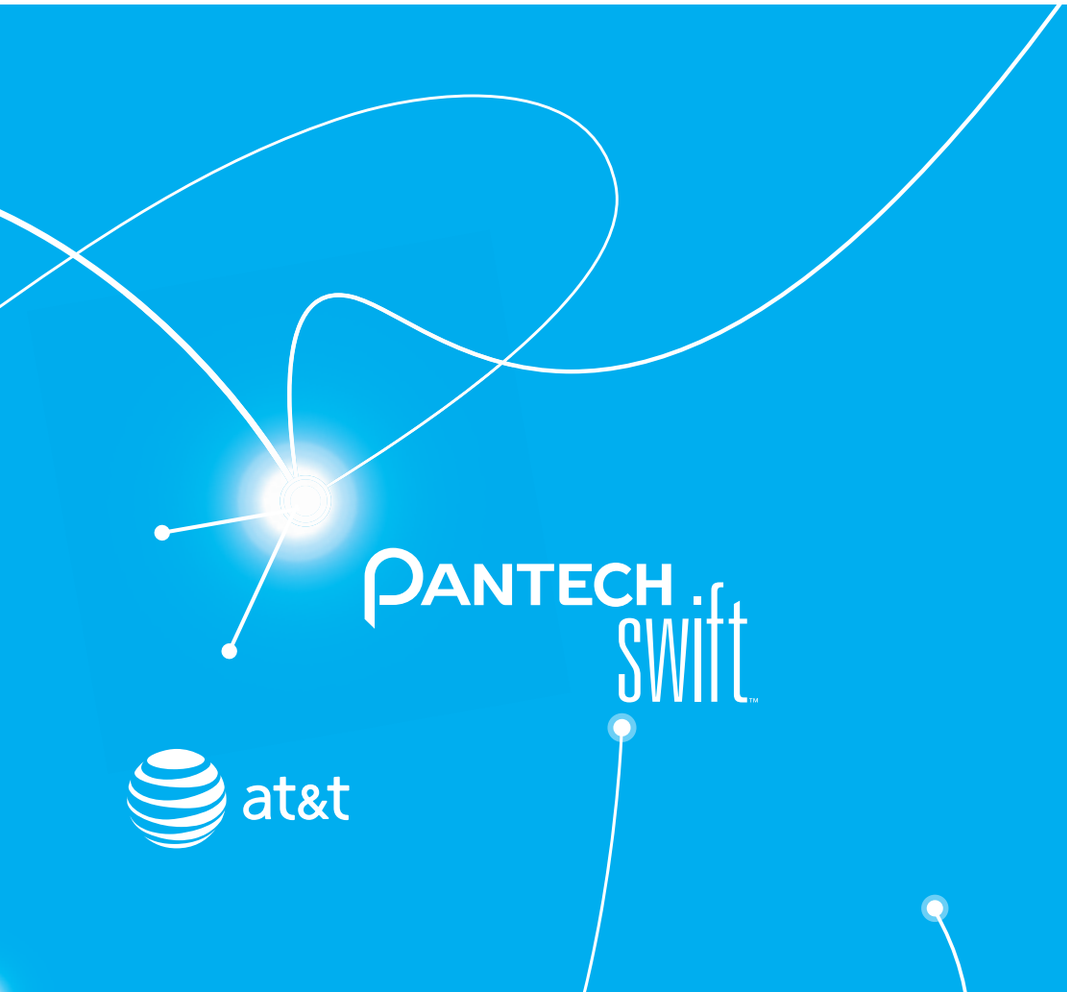
FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices.....117

FCC Regulatory Compliance 120

Warranty 122

1

Getting Started



PANTECH swift

at&t

SIM card and battery

Memory card

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Using the Multitask menu

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Updating software

PC Suite

SIM card and battery

About your SIM card

When you subscribe to your network operator, you receive a SIM (Subscriber Identity Module) card containing your registration information, PIN code, etc.

Like a credit card, it should be kept secure and handled carefully. Do not bend, scratch or expose it to moisture. Avoid static electricity.

To avoid corrupting your SIM card's memory, always turn off your phone before removing or inserting your SIM card.

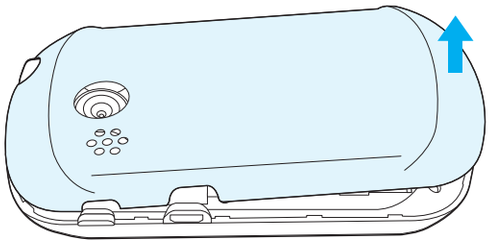
About your battery

Your phone uses a Li-Ion battery. Make sure to use an authorized battery and charger only. For more details, please inquire at your nearest dealer.

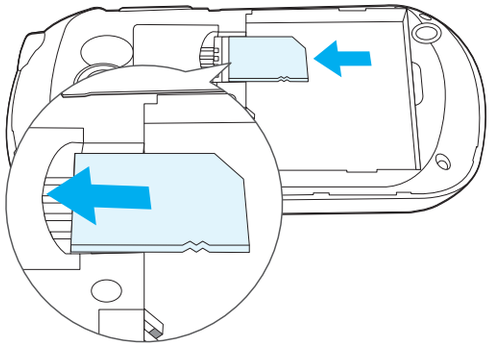
ⓘ **Note** Unlike other forms of battery technology, you can recharge a Li-Ion battery while some charge remains without reducing your phone's autonomy due to the "battery memory effect" inherent in those technologies.

Installing/Removing SIM card and battery

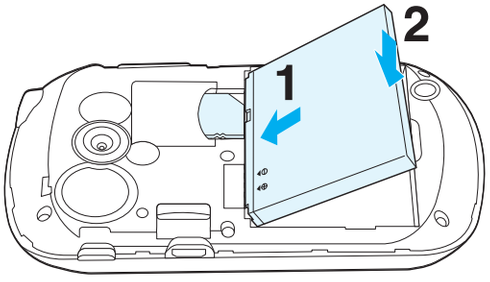
1. Remove the battery cover from the unit.
   - To remove the battery cover, place your finger nail in the groove at the bottom of the unit, and then lift it up.

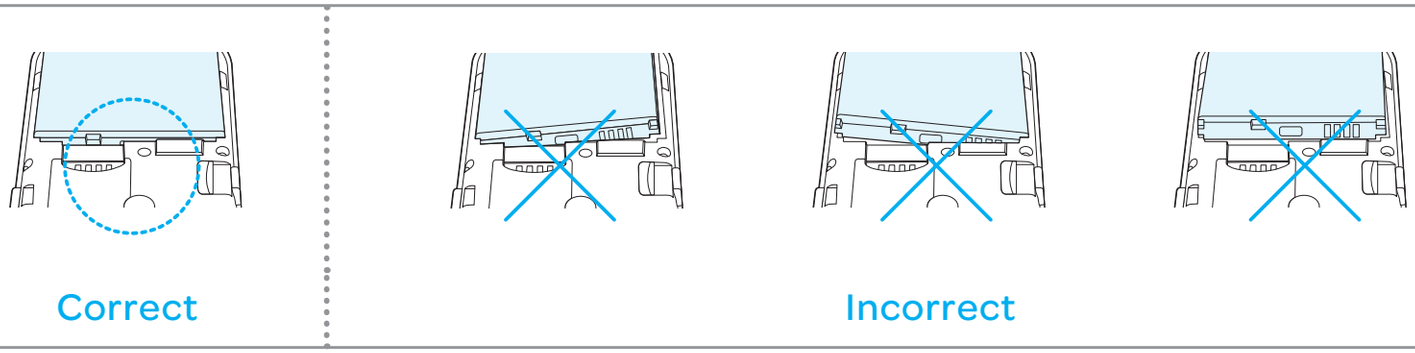


2. Insert the SIM card into the slot. The gold contacts of the SIM card should face down.

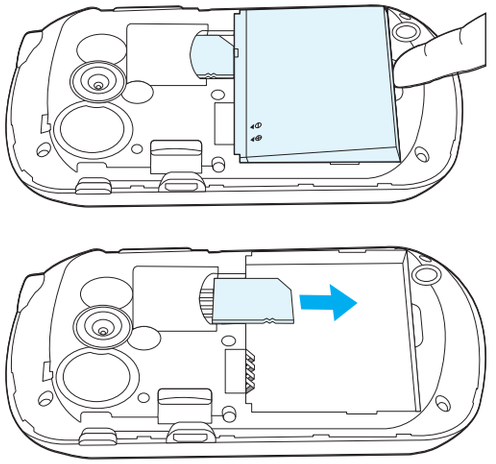


3. Slide the connector of the battery into the notch located at the top of the unit. Insert and press the lower side of the battery until you hear a click. Make sure you align the gold contacts on the battery end with the contacts on the phone. If the contacts on the battery are not properly aligned, the phone and the battery could be damaged.

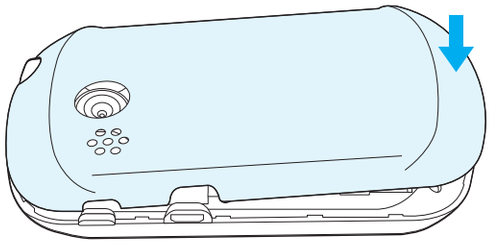


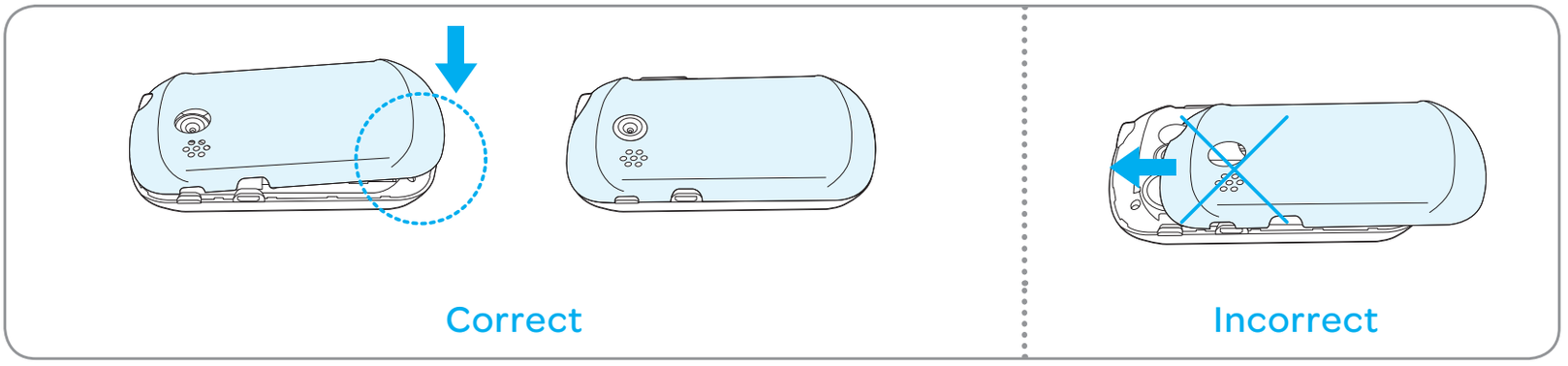


4. To remove the battery, lift the bottom of the battery up and remove.
   To remove the SIM card, slide the SIM card in the direction of the arrow as shown.



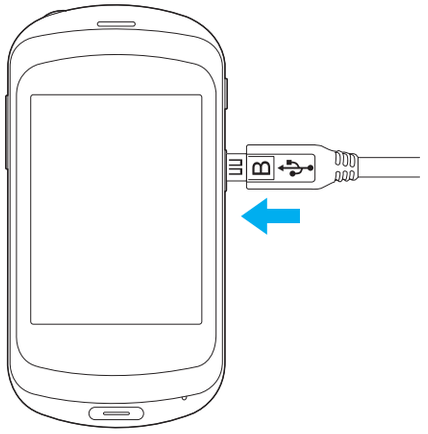
5. To place the battery cover back onto the unit, slide the one end of the cover into the groove, and then push it down.

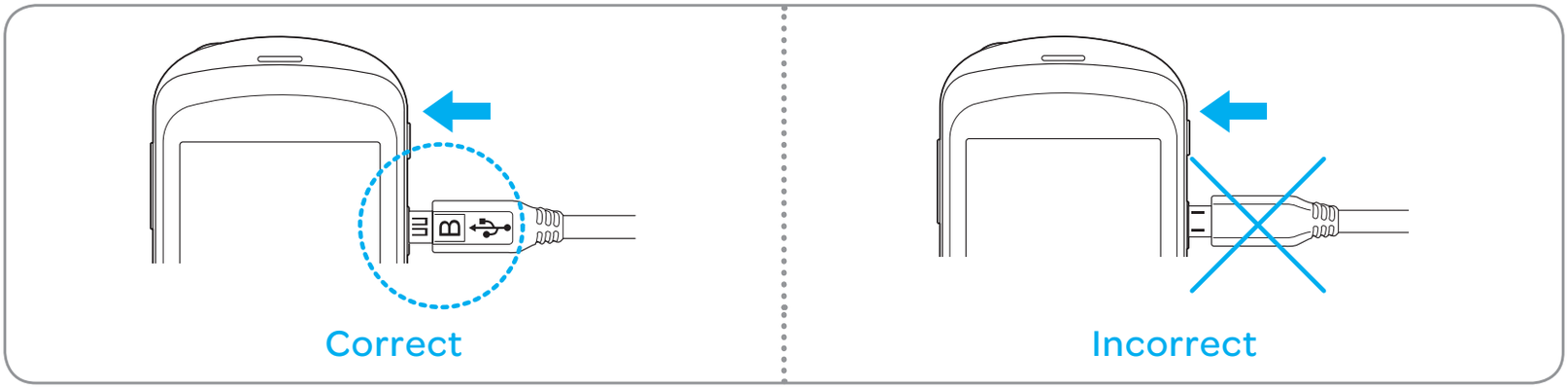




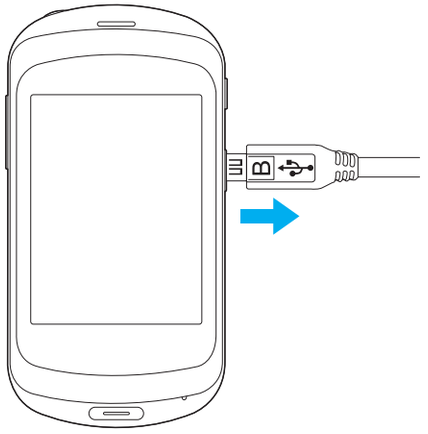
Charging your battery

1. Connect with the charger adapter on the top right side. Make sure you align the connector as shown in the image. If not, it will damage the charging connector on the phone and will not charge.





2. Disconnect the charger from the device when charging the battery is complete.

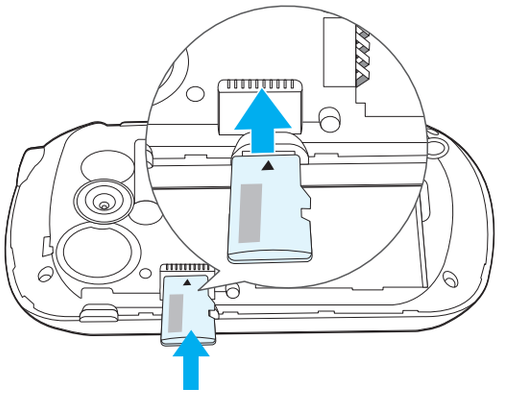


Memory card

You can use a microSD card as a memory card. It gives you more space to save pictures, videos, music and more.

Inserting and removing a memory card

1. Open the battery cover .
2. Insert the memory card. SD will be displayed on the screen when a memory card is inserted.
3. To remove the memory card, slide the memory card out in the opposite direction of the arrow.



Note Supported up to 32 GB.

Turning the phone on/off

To turn on

1. Press and hold .

To turn off

1. Press and hold .

Screen lock/unlock

Locking the screen

1. In idle screen, when key is short pressed, screen should be locked.
2. In touch lock screen, when key is short pressed, screen should be blacked out.

Note The phone unlocks when the slider is opened.

Unlocking the screen

1. Press any hard key to turn on the display.
2. Tap and drag Unlock ›› to right or open the slider to unlock the screen.

Language

Setting the phone language

1. Tap **Menu** Menu > **Settings** > **Phone** > **Language**.
2. Select **Screen Text** or **Predictive**.
3. Select the language > **Save**.

Essential display indications

	Signal strength. The greater the number of bars, the stronger the signal. When network is in searching mode is displayed.
	A call is in progress. When you are in no service area is displayed.
	Call forwarding is active.
	Incoming calls set to ring only (**Normal**).
	Incoming calls set to **Outdoor**.
	Incoming calls set to **Vibrate Only**.
	Incoming calls set to **Silent**.
	Flight Mode is active.
	Received one or more text messages.
	Received one or more multimedia messages.
	Received one or more WAP push messages.
	Received one or more configuration messages.
	Received one or more voice messages.
	A message is being sent.
	A message is being received.
	An alarm is set.

	Schedule Alarm is set.
	Web is active, secured and downloading.
	Bluetooth is active.
	Bluetooth hands-free headset is connected.
	Bluetooth A2DP headset is connected.
	Bluetooth hands-free + A2DP headset is connected.
	Data transfer via Bluetooth is in progress.
	Headset is connected.
	USB is connected.
	TTY is active.
G	A GPRS signal is available. It is displayed when there is an active GPRS session.[n]
E	An EDGE signal is available. It is displayed when there is an active EDGE session.[n]
3G	A 3G signal is available. It is displayed when there is an active 3G session.[n]
	A microSD card is inserted.
	Battery strength. When the battery charge is low, is displayed.
	Play, Pause, Stop Status of BGM Playback

[n] Network dependent

Screen navigation

The home screen is your starting point for using applications on your phone.

You can customize the home screen to display application icons, shortcuts, folders, and widgets according to your preference.

About your home screens

- **Main Screen**: The phone's main home screen.
- **Contents Screen**: A customizable screen for shortcuts. Max 20 icons can be added.
- **Contacts Screen**: A customizable screen for favorite contacts. Max 20 icons can be added.

<Contents Screen : Left> <Main Screen : Center> <Contacts Screen : Right>

Position indicators

ⓘ **Note** You can access the 3 different home screens by flicking in both directions. However, the position indicators are always displayed for the corresponding home screen (i.e. Left – Contents, Center – Main, Right – Contacts).

Adding a home screen item

The Contents and Contacts screens allow you to assign items to the screen.

1. Tap > > **Add** .
2. Tap a desired menu.
3. Once you have added one or more items to the screen, > or < is displayed to customize the home screen.

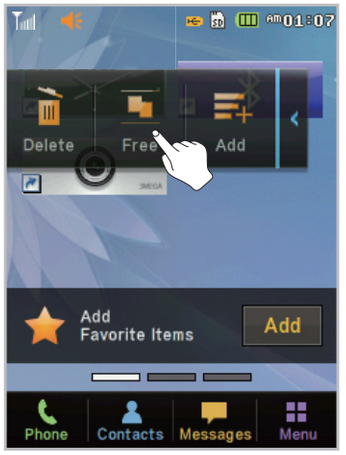
Deleting a home screen item

1. Tap > > **Delete** .
2. Tap ✕ on the item to delete.

ⓘ **Note** This action is only applied to the home screen.

Repositioning a home screen item

Once the items are assigned to the home screen, you can reposition the items for your convenience.



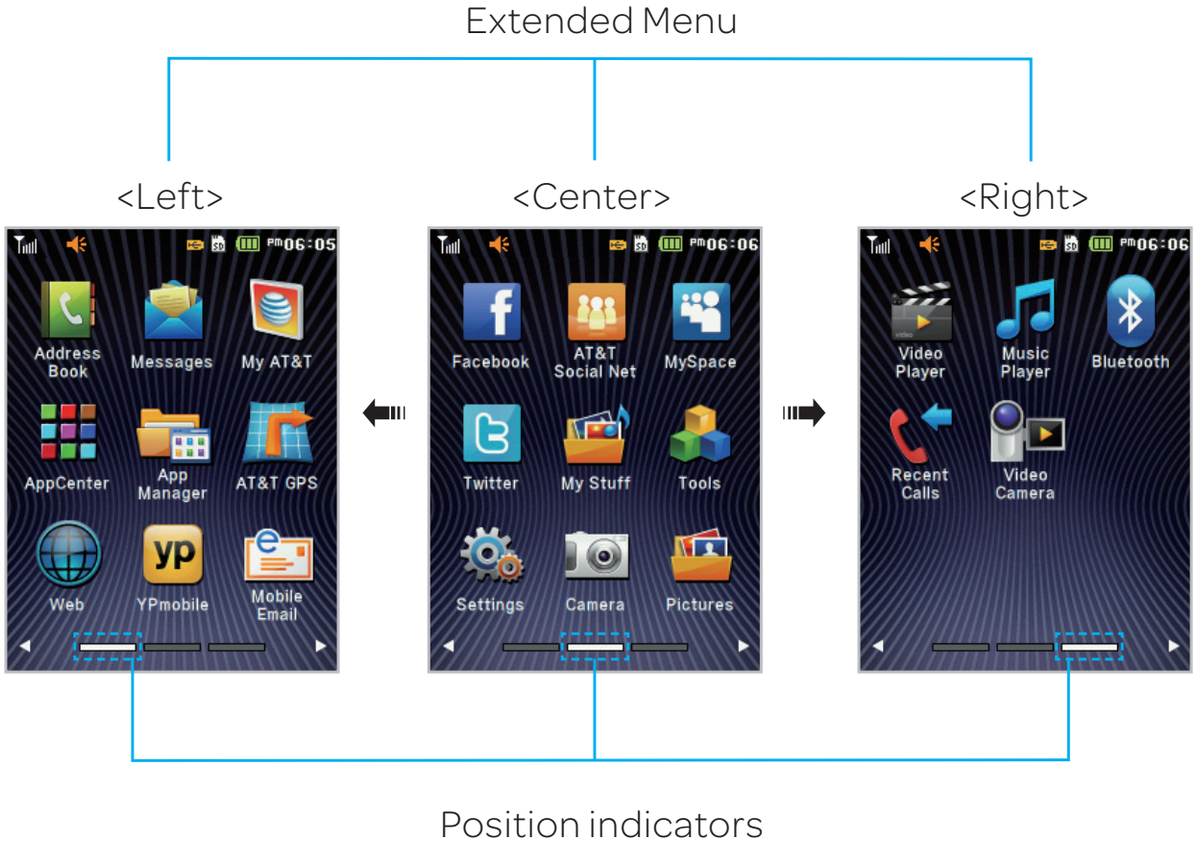
1. Tap > **Free**.
2. Tap and hold an item until the selected item is dimmed out.
3. Drag to the desired position.
4. Position the item, and then release it.

ⓘ **Note** If you want to reposition the items back to the Grid view, tap > **Grid**.

Navigating through menus

Swift has 3 different menu screens to provide quick access to menus.

1. Tap **Menu** .
2. Flick the screen from left to right or right to left to navigate.
3. Tap the desired menu icons to open.
4. Tap to go back to the previous menu.
5. Press to exit.



Note The position indicators are always displayed for the corresponding menu screen.

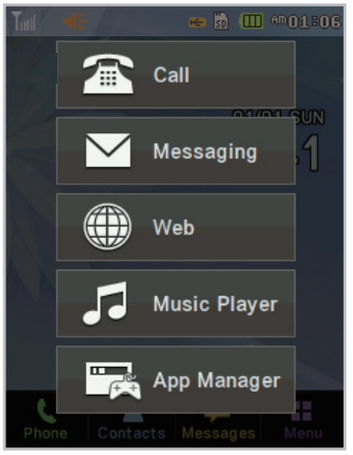
Missed events

When you miss calls, messages, JAVA or voice messages, icons will pop up and let you know you have missed events.

The icon will be shown at the Missed Events Area. Tap each icon to check the details. To clear missed events without checking the details, simply press ⊖.

Using the Multitask menu

Press and hold the volume up key to launch the Multitask menu that can be accessed from any active window or page on the phone. There is no need to stop what you are doing, if you want to activate another common feature. The idea is to allow you to temporarily exit from your current location to access a group of common functions such as Call, Messaging, Web, Music Player, and App Manager. This key keeps you from having to completely exit from your current task or window, whether that be a text message, a web page, or an active call, to do something else.



Multitask functions

To use the multitask function, press and hold the key. You can choose from one of the following functions:

- Call: Makes a voice call while using the handset for other tasks. If Music Player is active, it is muted during the call.
- Messaging: Sends a text or multimedia message while using the handset for other tasks.
- Web: Launches the browser while using the handset for other tasks.
- Music Player: Launches the Music Player while using the handset for other tasks. If an incoming call is received or you make a call, the Music Player is muted.
- App Manager: Accesses Games and Applications while using the handset for other tasks.

Using a memory card

You can save, move and delete files while using your phone and external memory card. You can also move and copy files to computer from your phone.

Resetting a memory card

1. Tap **Menu** Menu > **Settings** > **Reset**.
2. Enter the password > **OK** > **External Memory Reset** > **Yes**.

ⓘ **Note** The default password is '1234'.

To copy or move pictures and video files to the card

1. Tap **Menu** > **My Stuff** > **Audio**, **Music**, **Pictures**, **Video** or **Other Files**.
2. Tap **Options** > **Copy** or **Move**.
3. Tap to select the file to copy or move > **OK**.
4. Tap > **Memory card**.
5. Tap to select the folder.
6. Tap **Copy** or **Move Here**.

Note Some files may not be moved by using this function.

To copy or move a file to the phone

1. Tap **Menu** > **My Stuff**.
2. Tap > **Memory Card**.
3. Tap **Options** > **Copy** or **Move**.
4. Tap to select the file to copy or move > **OK**.
5. Tap to select the folder.
6. Tap **Copy** or **Move Here**.

To delete a file from the card

1. Select the file from the card > **Delete**.

Note If you select music file to delete, you must tap on the file.

To move a file from the card to the computer

1. Tap **Menu** > **Settings** > **Connectivity**.
2. Tap **Select USB Mode**.
3. Select the desired option > **Save**.
4. Connect the data cable with the phone and a computer .
5. Follow the instructions on your computer screen.

Note If you select Music Player, you can add music files from Windows Media PlayerTM. When you select **Ask on Connection**, it will ask you to select **Music Player**, **Mass Storage** or **Modem** every time you connect your device with your computer. Please check versions of OS and WMP when you connect your device with your computer. If the versions are not compatible, Music player cannot be executed.

Updating software

You can update your software without visiting your nearest dealer.

To update the software

1. Tap **Menu** > **Settings** > **AT&T Software Update**.
2. Tap **Check for Update** > **Yes** to check whether or not you need to update the software.

Note After downloading the software, the device will ask you whether to update the software now or later. If you choose to update the software now, it will restart the handset. If you postpone updating the software, you can select between 30 minutes, 1 hour or 4 hours in the **Options**. After selecting the updating time, you will be sent back to standby mode. If you go to **Software Update** while you are postponing, tap **Continue Update**.

To view the version of software

1. Tap **Menu** > **Settings** > **Phone Information**.
2. Scroll down to **Software Version**.

PC Suite

PC suite is a Windows-based PC program that allows you to easily manage personal data and multimedia files by connecting your Phone to a PC. The PC suite application can be downloaded at **http://www.pantechusa.com/**.

System requirements

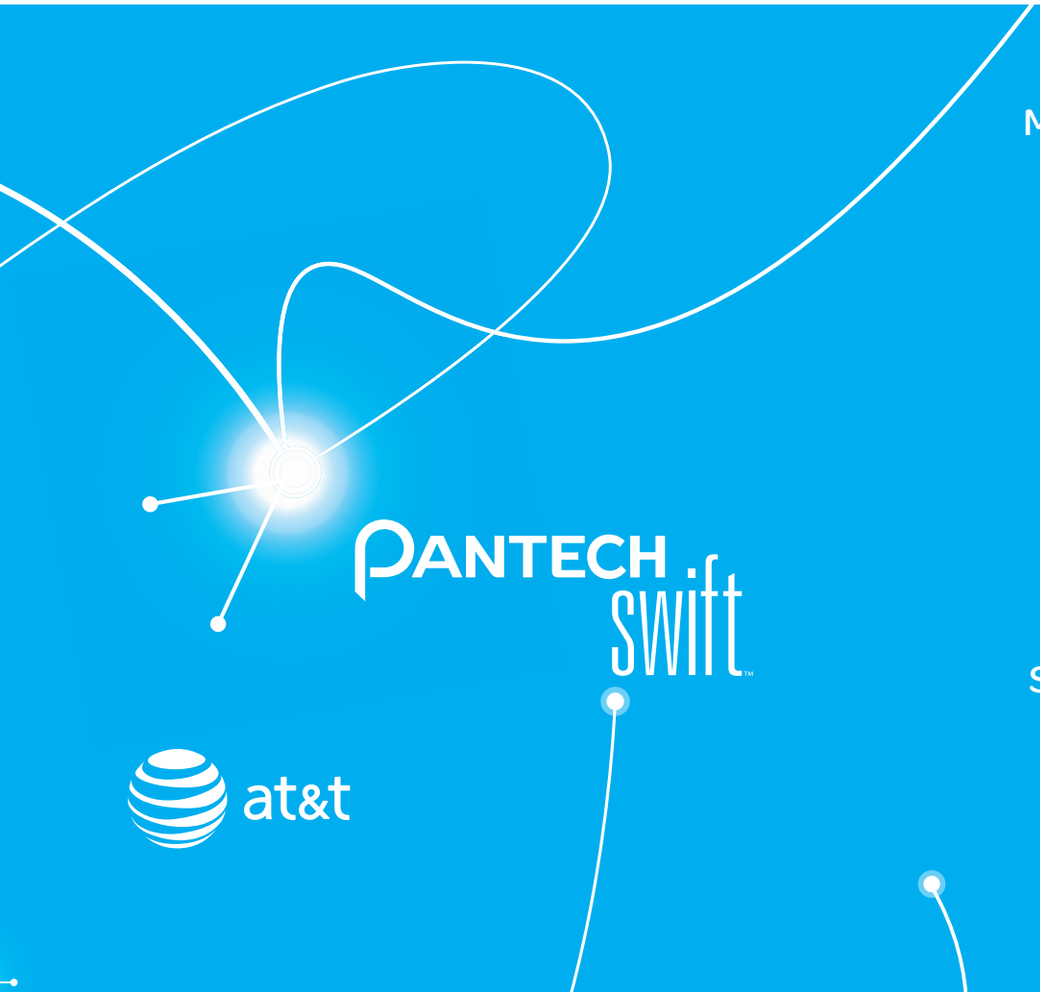
- Microsoft Windows 2000 or XP family, Windows7 and Vista 32 bit
- At least 300MB of free disk space
- Interface devices such as USB or Bluetooth for the connection with the phone

PC Suite features

Contact Manager / PC Sync / File Manager / Internet Access / Message Manager / MMS PC Composer

2

Calls and address book



Making, receiving and ending calls

Options during a call

Call settings

Checking all calls

Speed dialing

Using the address book

Address book settings

Caller identification

Using your headset

Service numbers and fixed dialing

Making, receiving and ending calls

Making a call

1. Tap Phone.
2. Enter the area code and phone number.
3. Tap Call.

Answering a call

1. Drag Accept to right.

Ending a call

1. Tap End Call or Press .

Once the call is complete, a call summary is displayed.

Rejecting a call

1. Drag Ignore to left.

Making a call using the call list

Your phone logs up to 20 dialed, received and missed call numbers.

1. Tap Phone > **Recent Calls** to display the **Recent Calls** list.
2. Tap to select **All Calls**, **Missed Calls**, **Received Calls**, **Dialed Calls**, or **Call Ranking**.
3. Select a number.
4. Tap to dial the selected number.

Making a call during a call

1. Enter the phone number or look it up in **Address Book**.
2. Tap Call to dial the second call. The first call is automatically put on hold.

Switching between two calls

1. Tap to swap calls.

Making an international call

1. Tap Phone and press and hold 0+ on the touch screen until the '+' character appears. Or press m on the keyboard until the '+' character appears.
2. Type the country code, area code, and phone number.
3. Tap Call.

Making an emergency call

You can make emergency calls even if your phone does not have a SIM card.

1. Tap Emergency Number, or tap **SOS** if your phone does not have a SIM card.
2. Tap Call.

Replying to a missed call

1. Tap to display the list of missed calls.
2. Select a number to call by scrolling the screen.
3. Tap .

Answering a second call

1. Tap Accept. The first call is automatically put on hold.
2. Tap End Call or Press . To end the second call.

The call on hold is automatically reconnected.

Note For answering a second call, you should activate Call Waiting.
(Select Menu > Settings > Call > Call Waiting > Set to > Active)

Setting the call forwarding option

1. Tap **Menu** > **Settings** > **Call**.
2. Tap **Call Forwarding**.
3. Select the desired option.

Setting the call waiting option

1. Tap **Menu** > **Settings** > **Call**.
2. Tap **Call Waiting**.
3. Select the desired option.

Options during a call

Microphone off and on

Switching your phone's microphone off

1. Tap **Mute** .

Switching your phone's microphone back on

1. Tap **Mute** .

Talking on speaker

1. Tap **Speaker** .

Putting a call on hold and returning

Putting a call on hold

1. Tap **Hold** .

Returning to a held call

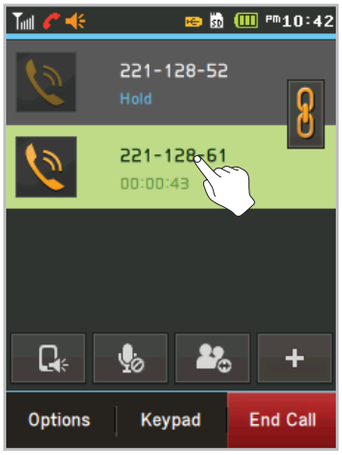
1. Tap **Hold** again.

Multi-party calls[n]

You can talk with more than one person or make a conference call.

Making a multi-party call

1. Call the first participant.
2. Call the second participant. The first call is automatically put on hold.
3. Tap the first or second participant's phone number > **Join** or tap .



Splitting one participant from a multi-party

1. Tap **Conference**.
2. Tap **Members**.
3. Tap .

All of the other multi-party call participants can still hear each other.

Removing one participant from a multi-party call

1. Tap **Conference**.
2. Tap **Members**.
3. Tap .

The call ends with that participant, but you can continue to talk to the other participants.

Searching for a number in the address book during a call

1. Tap **Contacts +**.
2. Tap **Options** > **Contact** > Select a number by scrolling up or down.

Searching for a name in the address book

Enter the first letters of the name for Name Search. The entries are displayed starting with the first entry matching your input.

Finding a name manually in the address book

1. Scroll the screen up or down.

Viewing the details of the highlighted entry in the address book

1. Tap the contact to view detailed information.

For details on ***address book***, *see page 47*.

Voice recording

1. Select **Options** > **Record**.
2. Tap **Option** > **Stop Recording** to stop recording.

Call settings

Setting auto redial

1. Tap **Menu** > **Settings** > **Call** > **Auto Redial**.
2. Drag the bar **On** or **Off** > **Save**.

Checking all calls

You can view information about all **Recent Calls**. For more options for all, missed, received and dialed calls, tap the called number.

You can also view the call history simply by tapping Phone > **Recent Calls**.

Viewing missed calls

1. Tap Phone > **Recent Calls** > **Missed Calls**.

Note To view missed calls, tap **Menu** > **Recent Calls** > **Missed Calls**.

Viewing received calls

1. Tap Phone > **Recent Calls** > **Received Calls** .

Note To view received calls, tap **Menu** Menu > **Recent Calls** > **Received Calls**.

Viewing dialed calls

1. Tap Phone > **Recent Calls** > **Dialed Calls** .

Note To view dialed calls, tap **Menu** Menu > **Recent Calls** > **Dialed Calls**.

Viewing call rankings

1. Tap Phone > **Recent Calls** > **Call Ranking** .

Note To view all rankings, tap **Menu** Menu > **Recent Calls** > **Call Ranking**.

Deleting call logs

1. Tap **Menu** Menu > **Recent Calls** > **Delete Call Logs**.
2. Select **All Calls**, **Missed Calls**, **Received Calls** or **Dialed Calls** > **Yes**.

Viewing call time

1. Tap Phone > **Recent Calls** > **Call Time**.
2. You can view **Last Call**, **Received Calls**, **Dialed Calls** and **Total Calls**.

Note To view call time, you can also tap **Menu** Menu > **Recent Calls** > **Call Time**.

Resetting all call times

1. Tap Phone > **Recent Calls** > **Call Time**.
2. Tap **Reset** > **Yes**.
3. Enter password > **OK**.

ⓘ **Note** The default password is '1234'.

Viewing transmitted data information

1. Tap **Menu** > **Settings** > **Call** > **Packet Counter**.
2. Select **Total**, **Current**, or **Last** transmitted data.
3. Tap **Clear** to reset the information.

ⓘ **Note** The default password is '1234.'

Speed dialing

You can dial quickly using speed dialing. Up to 8 phone numbers can be programmed using numbers 2 to 9.

Setting speed dial

1. Tap **Contacts** > **My Settings** > **Speed Dial**.
2. Tap an empty entry.
3. Tap the contact you wish to assign.

Changing speed dial contact

1. Tap **Contacts** > **My Settings** > **Speed Dial**.
2. Select a number > **Change**.
3. Tap the contact you wish to assign.

Removing from speed dial

1. Tap **Contacts** > **My Settings** > **Speed Dial**.
2. Select a number > **Remove** > **Yes**.

Using the address book

You can save names, phone numbers, and information to the SIM card or phone. Number of entries can vary depending on the capacity of the SIM card.

Viewing the contact list

1. Tap **Contacts**.

Searching for a contact

1. Tap **Contacts**.
2. Scroll the screen up or down or tap and enter the name to find the contact.
3. Tap the contact to view detailed information.

Note To update information, tap **Edit**.

Calling from the contact list

1. Tap **Contacts**.
2. Scroll the screen up or down to select a person or tap and input the first letter or two of the person's name.
3. Tap .

Forwarding contact details

1. Tap **Contacts** Contacts.
2. Scroll the screen up or down or tap and enter the name to find the contact.
3. Tap the contact > **Options** > **Share Contact Info** > **All Contact Info**, **Personal Contact** or **Business Contact**.
4. You can send the information using **via Message** or **via Bluetooth**.

Deleting a contact

1. Tap **Contacts** Contacts.
2. Scroll the screen up or down or tap and enter the name to find the contact.
3. Tap the contact > **Delete** > **Yes**.

Adding a contact

1. Tap **Contacts** Contacts > **Add**.
2. Tap the desired fields to input information.
3. Tap **Save**.

Making groups

1. Tap **Contacts** Contacts > > **Groups**.
2. To add new group, tap **Add**.
3. Input the group name and tap **OK**.
4. Select > **Select** > **Save**.
5. To add members to group, tap **Yes**.

6. Select the members > **OK**.

ⓘ **Note** You can't add the contacts of SIM to group.

Editing groups

1. Tap **Contacts** > ⌄ > **Groups**.
2. To edit group, tap the group > **Edit** > **Add Members**, **Remove Members** or **Edit Group**.
   - If there is no one added in the selected group, tap the group > **Edit Group**.
3. To delete group, tap the group > **Delete Group** > **Yes**.

Address book settings

Setting up AT&T Address Book

1. Tap **Contacts** > **My Settings** > **AT&T Address Book**.

ⓘ **Note** Your contacts are backed up to your AT&T Address Book, and changes you make are automatically saved.

Setting SIM management

1. Tap **Contacts** > **My Settings** > **SIM Management**.

Managing my info

1. Tap **Contacts** > **My Info**.

Setting the sort order

1. Tap **Contacts** > **My Settings** > **Display Order**.
2. Select **First Name** or **Last Name** > **Save**.

Viewing contact information

1. Tap **Contacts** > **My Settings** > **View Contacts from**.
2. Select **Phone**, **SIM**, or **Phone and SIM** > **Save**.

Saving contact information

1. Tap **Contacts** > **My Settings** > **Save Contacts to**.
2. Select **Phone**, **SIM**, or **Always Ask** > **Save**.

Caller identification

Caller identification

1. Tap **Menu** > **Settings** > **Call** > **Display My Number**.
2. Select **Network Default**, **Show** or **Hide** > **Save**.

Using your headset

You can make or receive a call using a headset.

While using the headset, the button on the headset works as follows.

Note You must use a headset designed for this device. It is an optional accessory. Not all headsets will have a button.

While in standby mode

1. Press the button on the headset to view the recent calls list and press the button again to redial the last call.

Service numbers and fixed dialing

Calling your service numbers

You can see the service number to reach the service provider.

1. Tap **Contacts** > **[ATT Services]**.
2. Tap a number to access the service > **Call**.

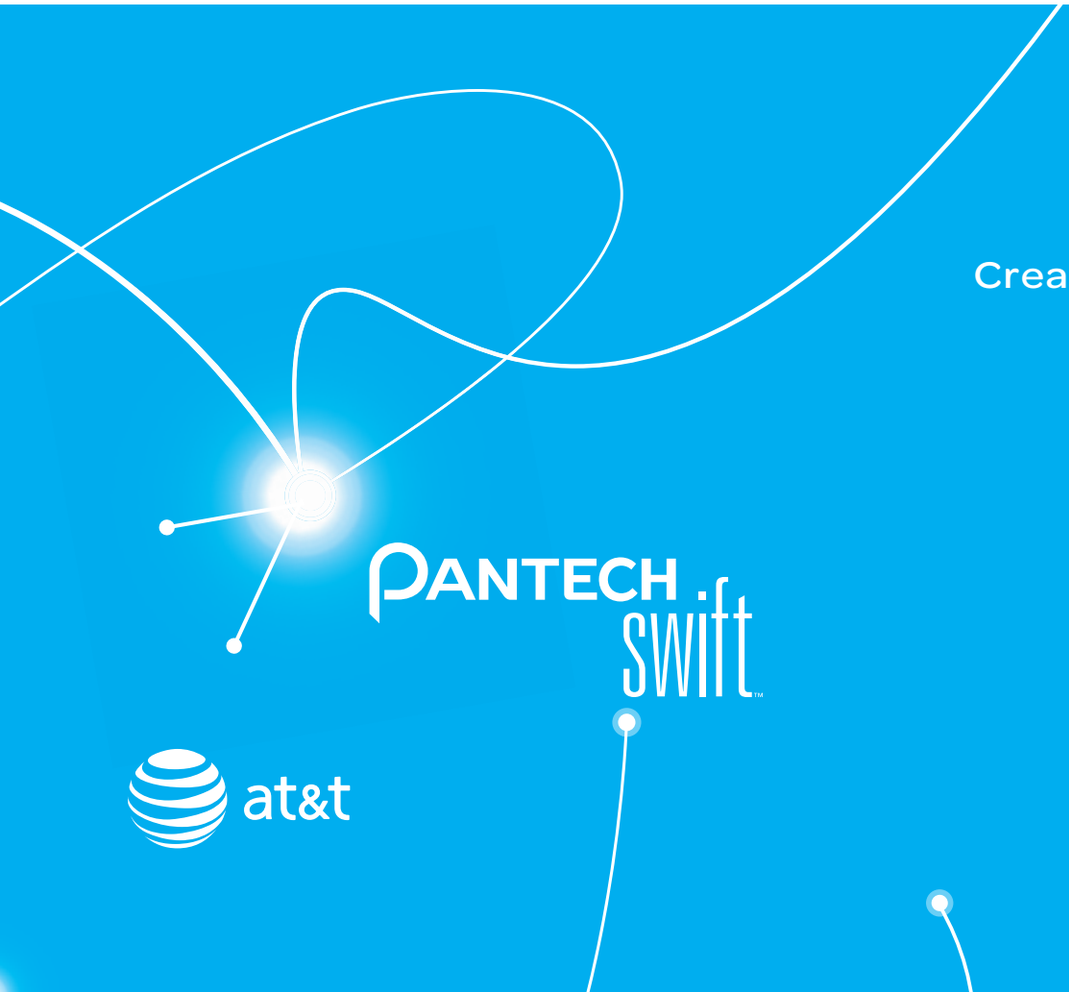
Viewing the fixed dialing list

Fixed dialing is a service that limits your access to specific numbers in the address book list recorded on the SIM. Input the PIN2 to set up or cancel this service.

1. Tap **Menu** > **Address Book** > **Fixed Dial Numbers**.
2. Select a number.

Note PIN2 must be correctly entered within 3 attempts. If you input the incorrect code three times in a row, the PIN2 code will be blocked. If the PIN2 code is blocked, please contact your service provider. Your PIN2 code is supplied with the SIM card.

3 Messaging

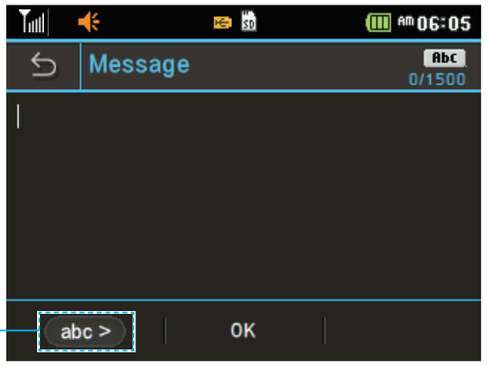


Entering text
Messaging
Receiving messages
Creating and sending text messages
Creating multimedia messages
Message templates
Message settings
Email

Entering text

Using the QWERTY keypad

Open the phone to use the QWERTY keypad



For details on ***QWERTY keypad***, *see page 8*.

Predictive mode

The predictive mode automatically compares your keystrokes with an internal dictionary to determine the correct word. It will display the most commonly used word first.

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Tap abc > > Select **Predictive Mode** to change the mode to T9 >.
2. Select /A to *Z to input text.

For example, to write “Hello” press $H, 1E, ;L, ;L and (O.

ABC mode

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Verify abc > mode.
2. Select /A to *Z to input text repeatedly.

Number mode

You can input numbers in this mode.

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Tap abc > > Select **Number Mode** to change the mode to 123 >.
2. Select 1E to EV and ⊡? to input numbers.

Symbols mode

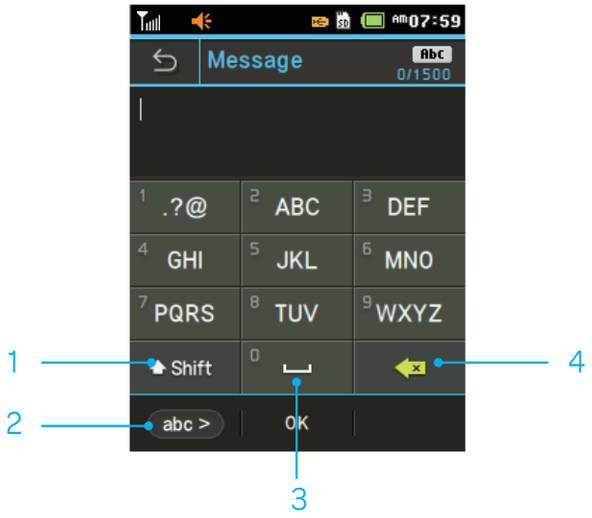
You can input symbols.

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Tap abc > > Select **Symbols** to change the mode to .?@ >.
2. Tap < or > > select the symbol to insert.

Using the virtual keypad

Enter text by using the virtual keypad on your touch screen and using the QWERTY keypad.

Using the virtual keypad on your touch screen



Number	Function
1	Switches between upper and lower case.
2	Changes the text input mode.
3	Inserts a space
4	Deletes a character

Predictive mode

Predictive mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word. It will display the most commonly used word first.

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Tap abc > > Select **Predictive Mode** to change the mode to T9 >.
2. Tap 2 abc to 9 wxyz to input text. To enter 'Hello' in the touch keypad, tap Shift 4 GHI 3 def 5 jkl 5 jkl 6 mno.

ⓘ **Note** To enter numbers, tap 1 .?@ to 0 ␣. And select the inputted numbers on the reference area.

ABC mode

Tap the key labeled with the target letter once for the first letter tap it twice for the second letter, and so on.

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Verify abc > mode.
2. Tap 2 abc to 9 wxyz to input text. To enter the letter "c", tap 2 abc 3 times. To enter number 2, tap 2 abc 4 times.

ⓘ **Note** Tap Shift to input the capital letter. For example, if you want to input A, tap Shift > 2 ABC.

Number mode

You can input numbers in this mode.

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Tap abc > > Select **Number Mode** to change the mode to 123 >.
2. Tap 1 .?@ to 9 wxyz and 0 ⎵ to input numbers.

Symbols mode

You can input symbols.

1. Tap **Messages** > **Create a New Message** or **New** > Tap to enter text > Tap abc > > Select **Symbols** to change the mode to .?@ >.
2. Tap a symbol to input it.

Messaging

You can send, receive and save text messages and multimedia messages.

Managing memory

Up to 300 messages can be stored in the phone memory and additional messages will be saved to the SIM card.

Deleting a conversation

1. Tap **Messages** > **Delete**.
2. Select conversations to delete.
3. Tap **Delete** > **Yes**.

Deleting multiple messages

1. Tap **Messages**.
2. Select a conversation.
3. Tap **Delete**.
4. Select messages to delete.
5. Tap **Delete** > **Yes**.

Replying to a message

1. Tap **Messages**.
2. Select a conversation.
3. Tap **Reply**.

Receiving messages

Viewing a new message

When you receive a new message, you can select **View** or **Ignore**.

1. Tap and drag View to right to read a new message or tap and drag Ignore to left to ignore a new message.

Reading a message from a conversation

1. Tap **Messages**.
2. Select a conversation.
3. Select a received message and read the message.

Saving contact information from a received message

1. Tap **Messages**.
2. Select a conversation.
3. Tap **Options** > **Add Contact**.
4. Select **as New Contact** or **to Existing Contact**.

Saving an object from a received multimedia message

1. Open multimedia message.
2. Tap an object > **Save to internal** / **Save to external**.

Note If the microSD card is not inserted in your phone, tap an object > **Save**.

It will be saved in one of the categories in the **My Stuff** app.

For details on ***Picture album***, *see page 73*.

Loading a URL using Push message

1. Tap **Messages** > **Push Message** > Select a Push Message.
2. Tap **Options** > **Load URL**.

Saving connection settings using configuration message

1. Tap **Messages** > **Configuration Message** > Select a Configuration Message.
2. Tap **Options** > **Install**.

Creating and sending text messages

Sending a new text message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK.**
3. Tap the recipient field to add one or more recipients and select the contact > **OK**.
4. Tap **Send**.

Creating multimedia messages

You can create and send new multimedia messages. The size limit is 600KB. An error message will alert you once you exceed the capacity.

Adding a saved picture to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert a Picture** > **My Picture**.
4. Select Folder or Picture.
5. Tap **Select**.
6. To preview the current page, tap ⊕ in **Slide** field > **Preview** > **Current**. To go back to text editor, tap **Stop**.
7. To preview the whole message, tap ⊕ in **Slide** field > **Preview** > **Whole Message**. To go back to text editor, tap **Stop**.

   - To edit the text message, tap the text box.
8. Tap the recipient field to add one or more recipients and select the contact > **OK**.
9. Tap **Send**.

Adding a new picture to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert a Picture** > **Take Picture.**
4. Focus on the object and tap .
5. To preview the current page, tap ⊕ in **Slide** field > **Preview** > **Current**. To go back to text editor, tap **Stop**.
6. To preview the whole message, tap ⊕ in **Slide** field > **Preview** > **Whole Message**. To go back to text editor page, tap **Stop**.

   - To edit the text message, tap the text box.
7. Tap the recipient field to add one or more recipients, and select the contact > **OK**.
8. Tap **Send**.

For details on ***Taking a picture***, *see page 72*.

Adding a saved video to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert a Video** > **My Video**.
4. Tap the desired video clip to insert and tap **Select**.
5. To preview the current page, tap ⊕ in **Slide** field > **Preview** > **Current**. To go back to text editor, tap **Stop**.

6. To preview the whole message, tap ⊕ in **Slide** field > **Preview** > **Whole Message**. To go back to text editor page, tap **Stop**.

   - To edit the text message, tap the text box.

7. Tap the recipient field to add one or more recipients and select the contact > **OK**.
8. Tap **Send**.

ⓘ **Note** If the video clip's resolution is "320x240" or higher, the video clip cannot be added to a message.

Adding a new video to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert a Video** > **Create Video**.
4. Focus on the object and tap REC.
5. Tap ■ to stop and save recording.
6. To preview the current page, tap ⊕ in **Slide** field > **Preview** > **Current**. To go back to text editor, tap **Stop**.
7. To preview the whole message, tap ⊕ in **Slide** field > **Preview** > **Whole Message**. To go back to text editor page, tap **Stop**.
8. Tap the recipient field to add one or more recipients and select the contact > **OK**.
9. Tap **Send**.

For details on ***Recording a video***, *see page 73*.

Adding a recorded voice memo to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert a Audio** > **My Audio**.
4. Tap the desired audio clip to insert and tap **Select**.
5. To preview the current page, tap ⊕ in **Slide** field > **Preview** > **Current**. To go back to text editor, tap **Stop**.
6. Tap **Pause** to stop listening.
7. To preview the whole message, tap ⊕ in **Slide** field > **Preview** > **Whole Message**. To go back to text editor page, tap **Stop**.
8. Tap the recipient field to add one or more recipients and select the contact > **OK**.
9. Tap **Send**.

Adding a new voice memo to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert a Audio** > **Record Audio**.
4. Tap REC to record the sound.
5. To stop and save tap Stop.
6. To preview the current page, tap ⊕ in **Slide** field > **Preview** > **Current**. To go back to text editor, tap **Stop**.
7. Tap **Pause** to stop listening.

8. To preview the whole message, tap ⊕ in **Slide** field > **Preview** > **Whole Message**. To go back to text editor page, tap **Stop**.
9. Tap the recipient field to add one or more recipients and select the contact > **OK**.
10. Tap **Send**.

For details on ***Recording a voice memo***, *see page 91*.

Adding other files to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert Others** > **Files**.
4. Tap to select desired file to insert.
5. To edit the text message, tap the text box.
6. To preview the current page, tap ⊕ in **Slide** field > **Preview** > **Current**. To go back to text editor, tap **Stop**.
7. To preview the whole message, tap ⊕ in **Slide** field > **Preview** > **Whole Message**. To go back to text editor page, tap **Stop**.
8. Tap the recipient field to add one or more recipients and select the contact > **OK**.
9. Tap **Send**.

Adding Contacts to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap to enter text > Enter the message > **OK**.
3. Tap **Insert** > **Insert Others** > **Contacts**.

4. Tap to select desired contact to insert.
5. To edit the text message, tap the text box.
6. Tap the recipient field to add one or more recipients and select the contact > **OK**.
7. Tap **Send**.

Adding Templates to a message

1. Tap **Messages** > **Create a New Message** or **New**.
2. Tap **Insert** > **Insert Others** > **Templates**.
3. Tap to select desired templates to insert.
4. To edit the text message, tap the text box.
5. Tap the recipient field to add one or more recipients and select the contact > **OK**.
6. Tap **Send**.

Message templates

When you often use the same phrases, you can save the message under message templates.

Adding a message as a template

1. Tap **Messages** > **Options** > **Templates**.
2. Tap **Add New**.
3. Enter the frequently used message > **OK** > **Save**.

Sending a message with a template

1. Tap **Messages** > **Options** > **Templates**.
2. Select the template to send.

   - To edit the text message, tap the text box.
3. Tap the recipient field to add one or more recipients and select the contact > **OK**.
4. Tap **Send**.

Message settings

Message center settings

1. Tap **Messages** > **Options** > **Settings**.
2. Tap **Text Message**.
3. Enter new **Center Address**.
4. Tap **OK** > **Save**.

E-mail gateway settings

1. Tap **Messages** > **Options** > **Settings**.
2. Tap **Text Message**.
3. Enter new **Email Gateway** for sending text message by email.
4. Tap **OK** > **Save**.

MMS profiles for multimedia messages

1. Tap **Messages** > **Options** > **Settings**.
2. Tap **Multimedia Message** > **MMS Profiles**.
3. Select a profile.
4. To add a profile, tap **Create** > set the options > **Save**.

Sending settings for multimedia messages

1. Tap **Messages** > **Options** > **Settings**.
2. Tap **Multimedia Message** > **Sending Settings**.
3. You can set **Creation Mode** and **Max Message Size**.
4. Tap **Save**.

Receiving settings for multimedia messages

1. Tap **Messages** > **Options** > **Settings**.
2. Tap **Multimedia Message** > **Receiving Settings**.
3. You can set **Automatic Download**.
4. Drag the bar to **On** or **Off**.
5. Tap **Save**.

Receiving settings for voice mails

1. Tap **Messages** > **Options** > **Settings**.
2. Tap **Voice Mail**.
3. Enter the New Central Address > **OK** > **Save**.

ⓘ **Note** This number may be pre-configured by the service provider upon activation.

Auto delete message settings

1. Tap **Messages** > **Options** > **Settings**.
2. Tap **Auto Delete**.
3. Drag the bar to **On** or **Off**.
4. Tap **Save**.

Email

You can receive emails through your service provider.

Receiving an email

1. Tap **Menu** > **Mobile Email**.
2. Select an email.
3. Follow the steps to set up your email account.

4 Multimedia

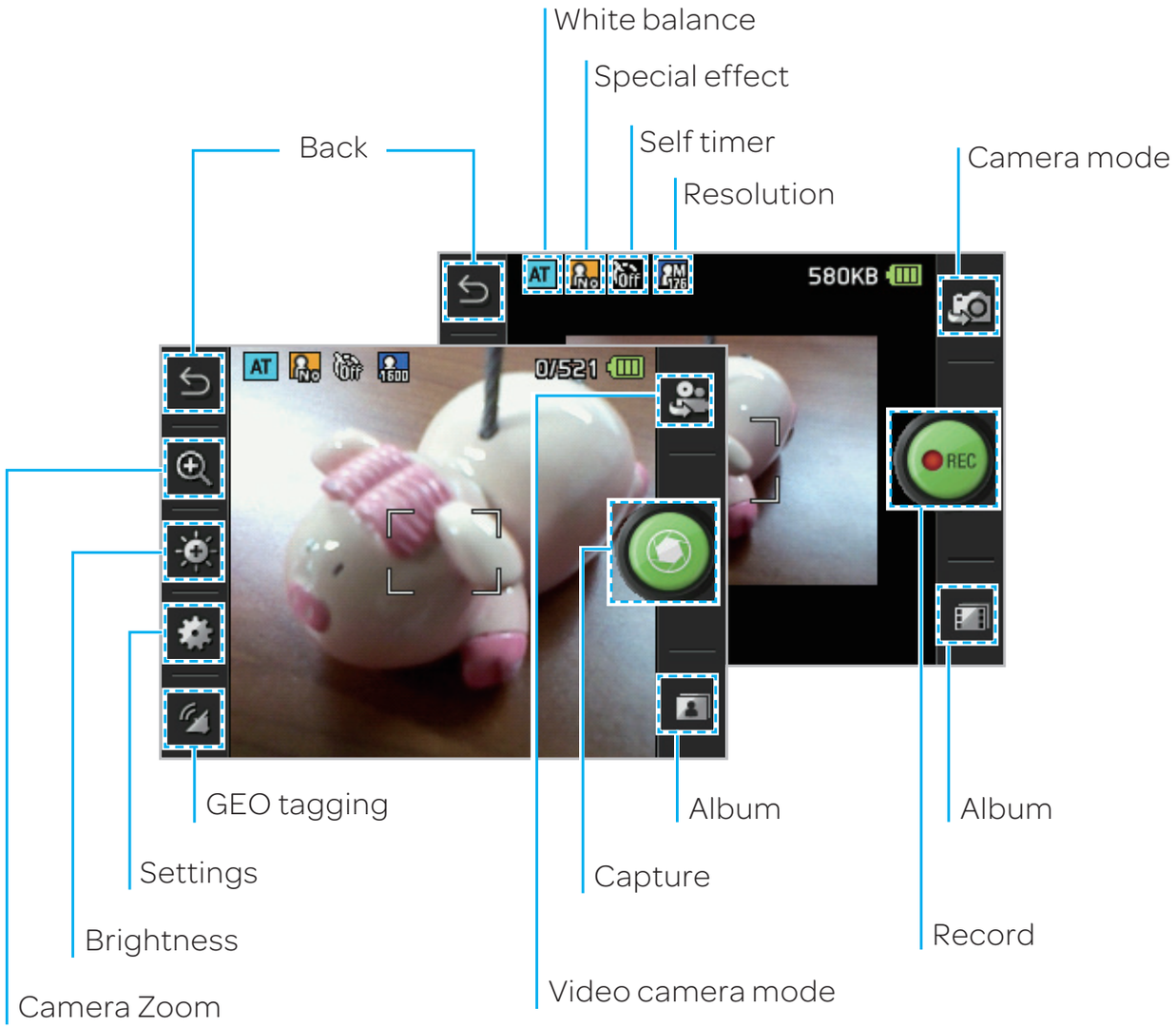
PANTECH swift

at&t

Camera
Picture album
Video Player
Audio album
Playing Music
Music Player
Music player settings
Other files
Managing memory
Applications

Camera

You can take pictures and record movies using the built-in camera. The photos and video clips can be saved to your phone or memory card and can be sent via multimedia messages, online locker and bluetooth.



Setting camera settings

1. Tap **Menu** > **Camera**.
2. Tap to change settings prior to taking a picture.

Camera menu options

Icons	Name	Description
	Back	Return to previous menu
	Zoom	1, 2,3,4,5,6,7,8 (up to 2x zoom)
	Brightness	-3, -2, -1, 0, +1, +2, +3
	Settings	White Balance/ Effect/ Self Timer/ Resolution/ Storage/ Advanced
	GEO Tagging	On/Off
	Video Camera	Switch to video camera mode
	Album	View the pictures stored in the device

Zooming in and out

1. Tap then tap or . It increases or decreases the zoom ratio.

Increasing or decreasing the brightness

1. Tap then tap or . It ranges from -3 to +3.

Note In camera mode, the zoom function is not available at the highest(1600x1200) resolution. GEO Tagging will work only outdoors. When GEO Tagging is activated, it will search for the GPS for 1 minute and ask whether to proceed or not.

Video camera menu options

1. Tap **Menu** > **Video Camera**, into Video Camera mode.
2. Tap to change settings prior to recording video.

Icons	Name	Description
	Back	Return to previous menu
	Zoom	1, 2,3,4,5,6,7,8 (up to 2x zoom)
	Brightness	-3, -2, -1, 0, +1, +2, +3
	Settings	White Balance/ Effect/ Self Timer/ Resolution/ Storage/ Advanced
	Camera	Switch to camera mode
	Album	View the videos stored in the device

Zooming in and out

1. Tap then tap or . It increases or decreases the zoom ratio.

Increasing or decreasing the brightness

1. Tap then tap or . It ranges from -3 to +3.

Taking a picture

1. Tap **Menu** > **Camera**.
2. Focus on the subject and tap .

Note Your photo will be saved automatically to the phone memory. Picture Files can be save up to YYMMDD_9999. No more than 9999 pictures a day may be taken from camera.

Viewing a saved picture

1. Tap **Menu** > **Camera**.
2. Tap .
3. Select the picture to view.

Recording a video

1. Tap **Menu** > **Video Camera**.
2. Aim at the subject and tap .
3. Tap to stop recording.

Note Your video will be saved automatically to the phone memory.

Playing a recorded video

1. Tap **Menu** > **Video Camera.**
2. Tap .
3. Select the video to play.

Picture album

You can save photos to your phone or an external memory card and view, send or delete them from the Picture album.

Note To access the **Pictures** folder, tap **Menu** > **Pictures**.

Viewing the saved pictures

1. Tap **Menu** > **Pictures**.
2. Select a picture.

Zooming the saved picture

1. Tap **Menu** > **Pictures**.
2. Select the picture and tap **Options**> **Zoom** or double tap the picture into zoom mode.
3. Tap / on the picture or press volume key for zoom in/out.
4. Tap Back, return to view mode.

Note Zoom mode is activated when the resolution of the picture is larger than the resolution of device.

Setting a picture as your wallpaper

1. Tap **Menu** > **Pictures**.
2. Select the picture and tap > **Set as** > **Wallpaper**.

Setting a picture as caller identification

1. Tap **Menu** > **Pictures**.
2. Select the picture and tap > **Set as** > **Contact photo**.

Sending pictures via multimedia message

1. Tap **Menu** > **Pictures**.
2. Select the picture and tap > **Send** > **via Message**.

Sending pictures via Bluetooth

1. Tap **Menu** > **Pictures**.
2. Select the picture and tap > **Send** > **via Bluetooth**.

Sending pictures to Online Locker

1. Tap **Menu** > **Pictures**.
2. Select the picture and tap > **Send** > **to Online Locker**.

Deleting multiple pictures

1. Tap **Menu** > **Pictures**.
2. Tap **Delete**.
3. Tap to mark desired files or tap **All** to mark all files.
4. Tap **OK** > **Yes**.
5. To cancel deleting action, tap **No** or press .

Viewing file information

1. Tap **Menu** > **Pictures**.
2. Select the picture and tap > **Properties**.

Video Player

You can view, send, save and delete videos. The supported formats are MP4, WMA, 3GP and 3G2.

Playing saved video clips

1. Tap **Menu** > **Video Player**.
2. Tap the video clip to play.

Sending a video clip via multimedia message

1. Tap **Menu** > **Video Player**.
2. Tap on the selected clip > **Send** > **via Message**.

Sending a video via Bluetooth

1. Tap **Menu** > **Video Player**.
2. Tap on the selected clip > **Send** > **via Bluetooth**.

Sending a video to Online Locker

1. Tap **Menu** > **Video Player**.
2. Tap on the selected clip > **Send** > **to Online Locker**.

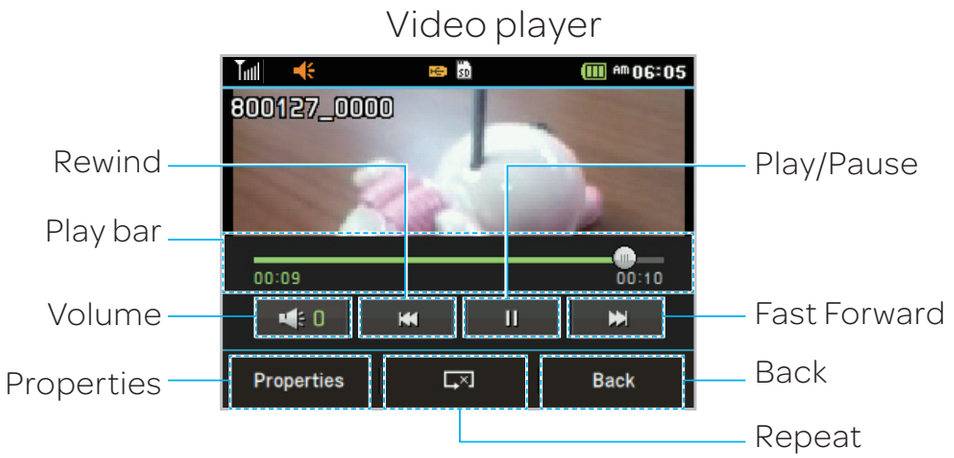
Deleting multiple video clips

1. Tap **Menu** > **Video Player**.
2. Tap **Delete**.
3. Tap to mark desired files or tap **All** to mark all files.
4. Tap **OK** > **Yes**.
5. To cancel deleting action, tap **No** or press .

Playing a video clip

1. Tap **Menu** > **Video Player**.
2. Scroll and tap to select a file.

Video player



Audio album

You can play, send, delete, move or copy saved sounds to external memory or to the phone. Supported formats are MP3, AAC, AAC+, eAAC+ and WMA.

Listening to a recorded sound

1. Tap **Menu** > **My Stuff** > **Audio**.
2. Select a folder and tap to open.
3. Tap the file to play.

Copying or moving multiple sounds to external memory

1. Tap **Menu** > **My Stuff** > **Audio**.
2. Select a folder and tap to open.
3. Tap **Options** > **Copy** or **Move**.
4. Select the file to copy or move > **OK**.
5. Tap and select the **Memory Card**.
6. Select the folder > **Copy Here** or **Move Here**.

Sending a sound file via multimedia message

1. Tap **Menu** > **My Stuff** > **Audio**.
2. Select the audio file and tap > **Send** > **via Message**.

Sending a sound file via Bluetooth

1. Tap **Menu** > **My Stuff** > **Audio**.
2. Select the audio file and tap > **Send** > **via Bluetooth**.

Playing Music

You can listen to music on your phone using the Music Player. The Music Player is only compatible with and can play the following audio types: MP3, AAC, AAC+, eAAC+ and WMA.

Note A microSD card must be inserted to transfer music to your device.

Adding music from Windows Media Player™

1. Connect the USB cable to the device and the computer.
2. Select **Music Player**.
3. Open Sync Tap in Windows Media PlayerTM on your computer.
4. Select the music from the list and drag and drop to your device.

Note Windows Media PlayerTM 11 and Windows XP are required.

Music Player

You can play music saved to external memory or to the phone. Supported formats are MP3, AAC, AAC+, eAAC+ and WMA.

Listening to a music file

1. Tap **Menu** > **Music Player**.
2. Tap **All Music**, **Playlists**, **Albums**, **Artists** or **Genres**.
3. Tap the file to play.

Note Music will pause when you receive an incoming call and Music will resume when the call ends.

Music player settings

Shuffling songs

1. Tap **Menu** > **Music Player**.
2. Tap **Settings** > **Shuffle**.
3. Tap **Shuffle On** or **Shuffle Off**.
4. Tap **Save**.

Repeating songs

1. Tap **Menu** > **Music Player**.
2. Tap **Settings** > **Repeat**.
3. Tap **Repeat All Tracks**, **Repeat Single Track** or **Repeat Off**.
4. Tap **Save**.

Setting the equalizer

1. Tap **Menu** > **Music Player**.
2. Tap **Settings** > **Equalizer**.
3. Tap < / > to select **Normal**, **Pop**, **Jazz**, **Classic**, **Rock**, **Dance**, **User 1**, **User 2** or **User 3.**
4. Tap **Select** > **Save**.

Icons for player

Icon	Description
	Adjust the volume
	Pause and play the audio file
	Tap and hold : Rewind, Fast Forward
	Tap: Previous, Next
	Repeat all
	Repeat off
	Repeat Single Track
	Shuffle On / Off
Back	Back to the previous menu
Options	Play/Stop, Exit Player, Add to Playlist, Shop Music, Settings, Download Status or Properties.

Creating a playlist

1. Tap **Menu** > **Music Player**.
2. Tap **Playlists** > **New Playlist**.
3. Enter playlist name > **OK**.
4. Tap to select a category.
5. Scroll and tap to select the music files and tap **Done** to add to playlist.

Adding or Removing music to a playlist

1. Tap **Menu** > **Music Player**.
2. Tap **Playlists**.
3. Select the playlist and tap > **Add Tracks**.
4. Tap to select a category.
5. Tap to mark desired files or tap **Select All** > **Done**.
6. To remove tracks tap > Remove Tracks > scroll and tap to select the files and tap Done.

Note To delete the playlist, tap **Menu** > **Music Player** > **Playlists** > **Delete**, and tap to mark desired playlists or **Select all** > **Delete** > **Yes**.

Viewing file information

1. Tap **Menu** > **Music Player**.
2. Scroll and tap to select a category.
3. Scroll and tap to select the file.
4. Tap > **Properties**.
5. Scroll up or down to view the properties.

Setting music as a ringtone

1. Tap **Menu** > **Music Player**.
2. Scroll and tap to select a category.
3. Scroll and tap to select the file.
4. Tap > **Set as Ring Tone**.

Note You cannot set a music file while it is playing. If a music file is larger than 300KB, the file will be deactivated for setting as a ring tone.

Deleting music

1. Tap **Menu** > **Music Player**.
2. Scroll and tap to select a category.
3. Scroll and tap to select the file.
4. Tap > **Delete** > **Yes**. Or tap **Delete** and tap to mark desired files or tap **Select All** to mark all files.
5. Tap **Delete** > **Yes**.

Note If the file is in use, you cannot delete the file.

Other files

You can manage unsupported file formats that are saved on your phone. It also lists files received via Bluetooth from other devices.

Viewing the list of files

1. Tap **Menu** > **My Stuff**.
2. Tap **Other Files**.

Managing memory

Viewing memory status

1. Tap **Menu** > **My Stuff**.
2. Tap **Memory**.
3. Scroll to view the information.
4. To view external memory card memory status, tap and select the **Memory Card**.

Formatting memory

1. Tap **Menu** > **My Stuff**.
2. Tap **Memory** > Tap and select the **Phone** or the **Memory Card**.
3. Tap **Format** > **Yes**.

Applications

You can play pre-installed demo apps or download apps. It is easy to download and you can preview them beforehand.

Select the applications

1. Tap **Menu** > **My Stuff** > **App Manager**.
2. Scroll and tap to play pre-installed apps.

Select the games or the applications

1. Tap **Menu** > **My Stuff** > **Games & Apps**.
2. Select **AppCenter** or **App Manager**.
3. Scroll and tap to play pre-installed game or apps.

Using the downloaded application data

1. Tap **Menu** > **My Stuff** > **Application Data**.
2. Select **Audio**, **Music**, **Ring Tones**, **Pictures** or **Video**.
3. Scroll and tap to play downloaded application data.

5 Useful Features

Alarm

Calendar

Notepad

Sketch pad

Voice Memo

World time

Calculator, tip calculator and converter

Stop watch and timer

Alarm

Setting an alarm

1. Tap **Menu** > **Tools** > **Alarm Clock**.
2. Tap **Create New**.
3. Set the desired options.
4. Tap **Save**.

ⓘ **Note** To set the alarm to ring when the phone is turned off, activate the **Power Alarm** by dragging the bar to on.

Viewing saved alarms

1. Tap **Menu** > **Tools** > **Alarm Clock**.
2. Scroll and tap an alarm to view the detail.

Editing existing alarms

1. Tap **Menu** > **Tools** > **Alarm Clock**.
2. Scroll and tap to select an alarm.
3. Edit the alarm details.
4. Tap **Save**.

Calendar

Calendar helps you manage your schedule. You can set a reminder on any given date with this function.

Viewing the calendar

1. Tap **Menu** > **Tools** > **Calendar**.

Note Monthly view is displayed by default.

Creating a new event

1. Tap **Menu** > **Tools** > **Calendar**.
2. Tap to select a day > **Create**.
3. Select **Event**, **Task**, or **Note**.
4. Input the details > Tap **Save**.

Note You can create events for dates from 01/01/2000 to 12/31/2070

Notepad

Using notepad

1. Tap **Menu** > **Tools** > **Notepad**.
2. Tap **Create New**.
3. Enter the memo > Tap **OK**.

Sketch pad

You can create drawings and set as wallpaper or share via multimedia message or Bluetooth.

Creating a sketch

1. Tap **Menu** > **Tools** > **Sketch Pad**.
2. Tap ‹ to select pencil thickness, color, eraser and undo.
3. Select each option and tap › for more space to draw.
4. Draw on the sketch pad.
5. Tap ‹ to save your work and tap **Save**.
6. Enter the name and tap **OK**.
7. To create a new drawing, tap ‹ > **Options** > **Create New**.

Setting a background

1. Tap **Menu** > **Tools** > **Sketch Pad**.
2. Tap > **Options** > **Background**.
3. Tap the desired background.
4. To import an image, tap > **Options** > **Import Image**.

Note The background image will be imported from the picture album and may be cropped when imported.

Setting a sketch as wallpaper

1. Tap **Menu** > **Tools** > **Sketch Pad**.
2. After saving a drawing, tap > **Options** > **Set as Wallpaper** > Tap **Select**.

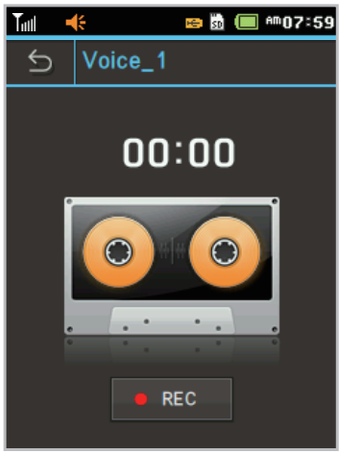
Sending a sketch

1. Tap **Menu** > **Tools** > **Sketch Pad**.
2. After saving a drawing, tap > **Options** > **Send**.
3. Tap to select **via Message** or **via Bluetooth**.

Voice Memo

Recording a voice memo

1. Tap **Menu** > **Tools** > **Voice Memo**.
2. Tap **New Record**.
3. Tap REC.
4. Tap Stop to stop recording. It will automatically save in **My Voice**.
5. Tap Play to listen.



Note To access **My Voice**, tap **Menu** > **My Stuff** > **Audio** > **My Voice**.

World time

Using world time

1. Tap **Menu** > **Tools**> **World Time**.

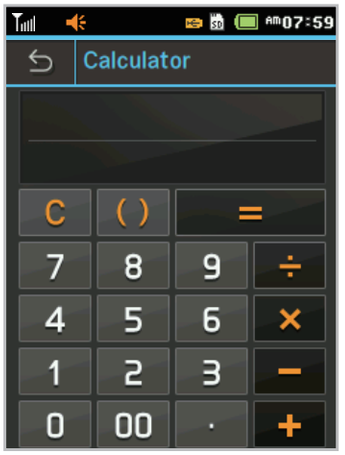
Note When you get out of your network, Select City > tap **OK**.

2. To add a new city, tap **Add New City** and flick left or right to select a new city. Tap **Add**.
3. Tap **Set as Dual** > select city if you want to set dual time displays in idle mode.

Note If you want to set dual time in idle mode, tap **Menu** > **Settings** > **Display** > **Home Screen** > **Clock Type** > **Digital Clock** > **Digital Clock 5**.

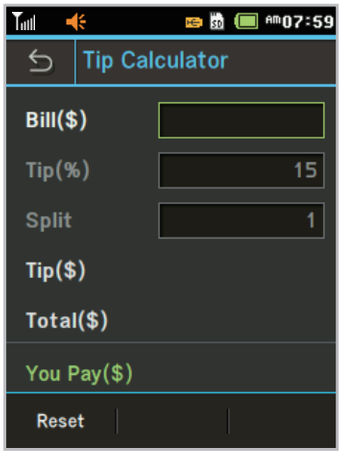
Calculator, tip calculator and converter

Using the calculator



1. Tap **Menu** > **Tools** > **Calculator**.
2. Tap the numbers and + / − / × / ÷ to calculate.
3. Tap C to erase one digit.
4. Tap and hold C to reset.
5. Tap · to use the decimal point.

Using the tip calculator



1. Tap **Menu** > **Tools** > **Tip Calculator**.
2. Tap to enter values for all variable fields (**Bill($)**, **Tip(%)**, **Split**) and the corresponding calculation fields (**Total($)**, **Tip($)**, **You Pay($)**) are updated automatically.
3. Tap · to use the decimal point.
4. Tap **Reset** to reset.

Using the converter

1. Tap **Menu** > **Tools** > **Converter**.
2. Tap < / > to select the categories.
3. Tap the field to enter a number and scroll left or right to select the unit. Other unit fields are updated automatically.

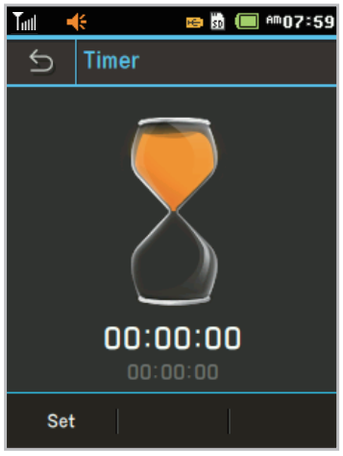
4. Tap **Reset** to reset.

Stop watch and timer

Using the stop watch

1. Tap **Menu** > **Tools** > **Stop Watch**.
2. Tap **<** / **>** to select **Basic**, **Split** or **Lap**.
3. Tap **Start** to start.
4. Tap **Stop** to pause.
5. Tap **Continue** to resume.
6. Tap **Reset** to clear.

Using the timer



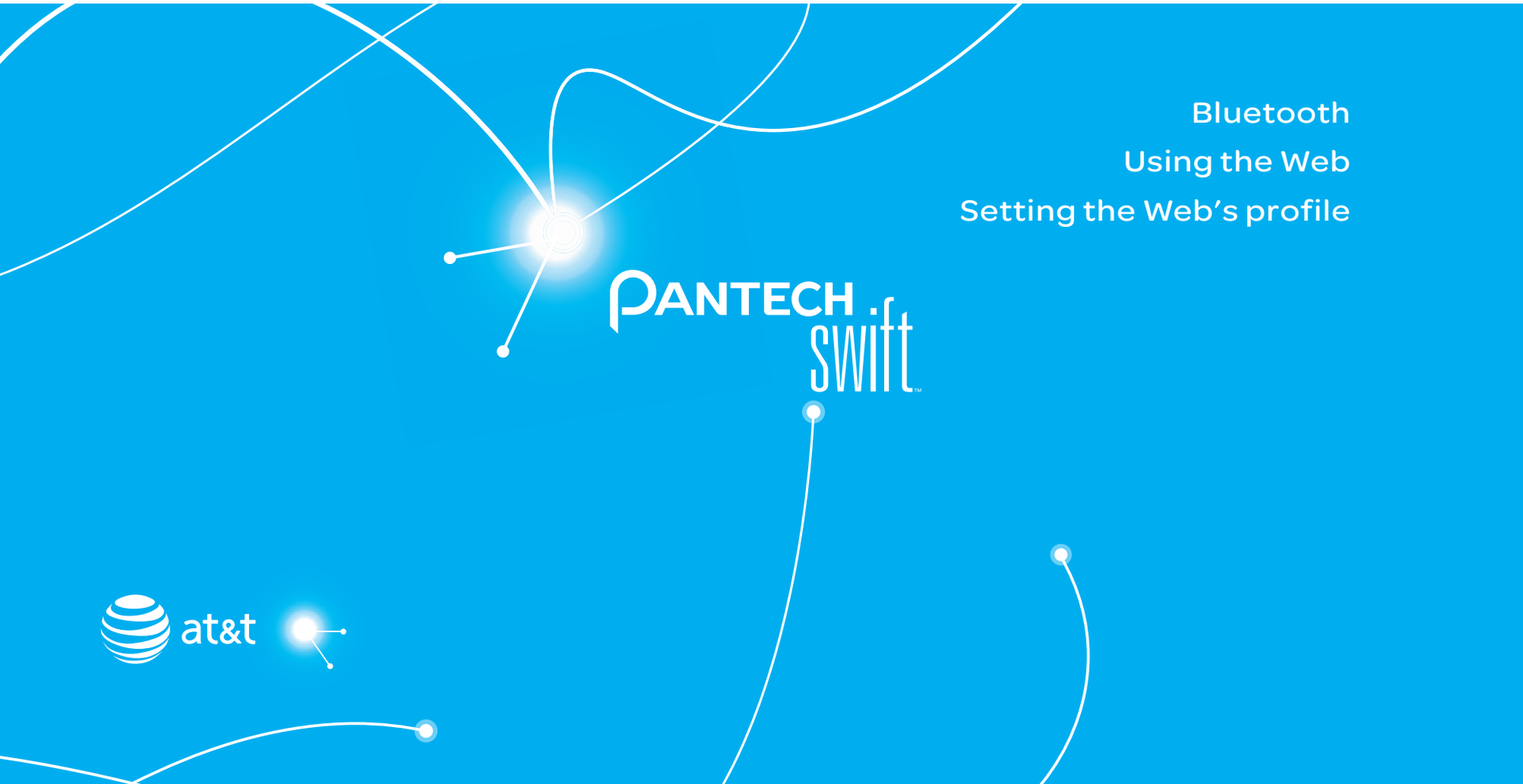
1. Tap **Menu** > **Tools** > **Timer**.
2. Tap **Set** to input the time
3. Scroll to set the hour, minute and second > **Save**.
4. Tap **Start** to start.
5. Tap **Pause** to stop.
6. Tap **Continue** to resume.
7. Tap **Restart** to restart.

6 Connectivity

Bluetooth

Using the Web

Setting the Web's profile



Bluetooth

Bluetooth technology enables free wireless connections between electronic devices within a maximum range of 33 feet (10 meters). Bluetooth connections can be used to send images, texts, business cards, calendar events and notes or to connect to computers using Bluetooth technology.

Your mobile phone supports:

- Connect to PC to access Internet.
- Connect to hands-free headsets.
- Connect to electronic devices.

Icons for Bluetooth

	Bluetooth is active.
	Bluetooth hands-free headset is connected.
	Bluetooth A2DP headset is connected.
	Bluetooth hands-free + A2DP headset are connected.
	Data transfer via Bluetooth.

Note Advance Audio Distribution Profile (A2DP) is a Bluetooth profile (mode) which is designed to transfer a uni-directional 2-channel stereo audio stream to a headset or car audio.

Activating Bluetooth

1. Tap **Menu** > **Bluetooth** > **Settings**.
2. Drag the **Activation** bar to **On**.
3. Tap **Save**.

Note Tap for activation.

Adding a device

1. Tap **Menu** > **Bluetooth** > **Search**.
2. The available devices will be displayed.
3. Tap to select a device.
4. Tap **Pair** to pair the device, or tap **View Detail** to view the details of the device.
5. Insert password if prompted by **Enter Password** window, and then tap **OK**.

Note The other device must be in pairing mode.

Sending an object

1. Select the file from **Menu** > **My Stuff** > **Pictures**, **Video**, **Audio** or **Other Files**.
2. Tap **Options** > **Send via Bluetooth**.

Note If the other Bluetooth device requests pairing, the object is sent after pairing is completed. Locked objects or ones containing original rights may not be forwarded.

Receiving an object

Receiving an object starts only when the receipt has been approved.

The received file will be saved in your phone's memory.

Setting visibility

1. Tap **Menu** > **Bluetooth** > **Settings**.
2. Drag the **Visibility** bar to **On**.
3. Tap **Save**.

Setting File Transfer Location

1. Tap **Menu** > **Bluetooth** > **Settings**.
2. Tap the **File Transfer Location** bar.
3. Select **Phone Memory** or **External Memory**.
4. Tap **Save**.

Naming your device

1. Tap **Menu** > **Bluetooth** > **My Info**.
2. Tap Name field to edit the name > **OK**.

Note The device name is what identifies your phone to the Bluetooth network.

Using the Web

Accessing the Web

1. Tap **Menu** > **Web**.
2. Tap **Home**.

Adding New bookmarks

1. Tap **Menu** > **Web**.
2. Tap **Bookmarks**.
3. Tap **Add Bookmark**.
4. Tap the field to enter **Title** and **URL** > **OK**.
5. Tap **Save**.

Note You can send bookmark information via multimedia messages or bluetooth.

Using RSS feeds

RSS (Really Simply Syndication) feeds are used to publish frequently updated contents in web such as blog entries or news headlines.

Adding feeds

1. Tap **Menu** > **Web**.
2. Tap **Home**.
3. Tap > **Feed Channels** > select a feed channel > **Yes** on webpage.

Note RSS feeds does not support all the web.

Reading feeds

1. Tap **Menu** > **Web**.
2. Tap **Feed**.
3. Select the feed to read.

Updating and Deleting feeds

1. Tap **Menu** > **Web**.
2. Tap **Feed**.
3. Tap > **Update Channel**, **Delete** or **Delete All**.

Entering a web address

1. Tap **Menu** > **Web**.
2. Tap **Enter Address**.
3. Tap the field to enter the web address > **Go**.

Viewing Web history

1. Tap **Menu** > **Web**.
2. Tap **History**.

Setting advanced options

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Options**.
3. Change the **Rendering Mode**, **Cache**, **Cookies**, **Security Warning**, **Javascript** and **Image Display**.
4. Tap **Save**.

Using memory operations

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Private Data**.
3. To clear the cache, tap **Clear Cache** > **Yes**.
4. To clear the cookies, tap **Clear Cookies** > **Yes**.
5. To clear the history, tap **Clear History** > **Yes**.

Viewing certificates

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Security**.
3. Tap **Certificates**.
4. Scroll and tap to select the certificate you would like to view.

Viewing download status

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Download Manager**.

Setting the Web's profile

You can set your profile and view **Profile Name, Home URL, Connection Type, Proxy Address** and **Proxy Port**.

Viewing the default profile

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Profiles**.
3. Tap > to view the details.

Adding a new profile

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Profiles**.
3. Tap **Create**.
4. Tap each field to enter the details > **OK**.
5. Tap **Save**.

Editing your profile

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Profiles**.
3. Scroll and tap beside the added profile.
4. Tap the field to edit > **OK**.
5. Tap **Save**.

Deleting a profile

1. Tap **Menu** > **Web**.
2. Tap **Manage** > **Profiles**.
3. Tap **Delete**.
4. Tap to mark profiles to delete.
5. Tap **All** to mark all profiles.
6. Tap **Delete** > **Yes**.

7 Settings

PANTECH swift

at&t

Phone
Ring Tones
Display
Touch
Security Locks
Reset
TTY

Phone

Setting the time & date

1. Tap **Menu** > **Settings** > **Phone**.
2. Tap **Time & Date**.
3. Change **Time**, **Time Format**, **Date**, **Date Format** or **Auto Update** > **Save**.

Ring Tones

Setting ring tones

1. Tap **Menu** > **My Stuff** > **Audio**.
2. Scroll and tap to select the folder.
3. Tap ❯ of the file > **Set as Ring Tone**.

ⓘ **Note** The maximum file size for a ring tone is 300KB.

Setting the sound profile

1. Tap **Menu** > **Settings** > **Profiles**.
2. Select **Normal**, **Outdoor**, **Vibrate only**, **Silent** or **Flight Mode**.

ⓘ **Note** Tap ❯ to change **Call**, **Message** and **General**. Each category has options to change. Change the options and tap **Save**.

Display

Customizing the home screen

Setting a wallpaper

1. Tap **Menu** > **Settings** > **Display**.
2. Tap **Home Screen**.
3. Tap **Wallpaper**.
4. Scroll and tap to select the file >**Select**.

Setting the clock type

1. Tap **Menu** > **Settings** > **Display**.
2. Tap **Home Screen**.
3. Tap **Clock Type**.
   Select **Digital Clock** or **Unique Clock**.
4. Select to view the clock types > **Select**.

Setting the Lock Screen

1. Tap **Menu** > **Settings** > **Display**.
2. Tap **Lock Screen**.
3. Select **Random** or **My Pictures**.

Setting the Menu Theme

1. Tap **Menu** > **Settings** > **Display**.
2. Tap **Menu Theme**.
3. Tap < or > to select the desired menu theme > **Save**.

Setting the font style

1. Tap **Menu** > **Settings** > **Display**.
2. Tap **Font Style**.
3. Scroll and tap to select the font type > **Save**.

Setting the brightness

1. Tap **Menu** > **Settings** > **Display**.
2. Tap **Backlighting**.
3. Select the desired option > **Save**.

Note Modifying brightness may affect battery life.

Touch

Setting the touch feedback

1. Tap **Menu** > **Settings** > **Touch**.
2. Tap **Touch Feedback**.
3. Change the **Touch Feedback Type** and **Touch Volume** or **Vibration Intensity** > **Save**.

Note The **Touch Volume** and **Vibration Intensity** availability depends on the phone's settings.

Setting automatic screen lock

1. Tap **Menu** > **Settings** > **Touch**.
2. Tap **Auto Screen Lock**.
3. Drag the bar to **On** or **Off** > **Save**.

Note It will lock automatically after the backlight turns off.

Security Locks

Locking the phone

1. Tap **Menu** > **Settings** > **Security**.
2. Drag the **Phone Lock** bar to **On** or **Off**.
3. Enter password > **OK**.

Note The default password is '1234'. To change the password, tap **Menu** > **Settings** > **Security** > **Change Password**.

Activating the PIN lock

The Personal Identification Number is the security code that protects the phone or SIM against unauthorized use.

1. Tap **Menu** > **Settings** > **Security**.
2. Drag the **PIN** bar to **On** or **Off**.
3. Tap **Yes** for enabling or disabling PIN lock.
4. Enter PIN code > **OK**.

Note The default password is '1111' . To change the PIN code, tap **Menu** > **Settings** > **Security** > **Change PIN**.

Locking the FDN

1. Tap **Menu** > **Settings** > **Security**.
2. Drag the **FDN** bar to **On** or **Off**.
3. Enter PIN2 code > **OK**.

Note You have only 3 attempts. If you enter the wrong code 3 times, the phone will be locked. If the phone locks, please contact the Pantech Customer Service Center. For details on fixed dialing, *see page 51*.

Changing the PIN 2

1. Tap **Menu** > **Settings** > **Security**.
2. Tap **Change PIN2**.
3. Enter the PIN2 code > **OK**.
4. Enter the new PIN2 code > **OK**.

Reset

Resetting the phone

1. Tap **Menu** > **Settings** > **Reset**.
2. Enter password > **OK** > **Master Reset**.
3. Tap **Yes** or **No**.

Note It will return configuration settings to default. The default password is '1234'.

Clearing the phone

1. Tap **Menu** > **Settings** > **Reset**.
2. Enter password > **OK** > **Master Clear**.
3. Tap **Yes** or **No**.

Note

- It will return the settings to default and erase all personal data. The default password is '1234'.
- If you see the **Low battery** message, please connect your phone to the battery charger before **Resetting** or **Clearing** the phone.

TTY

The teletypewriter (TTY) is a telecommunication device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate via a telephone.

Setting teletypewriter

1. Tap **Menu** > **Settings** > **TTY**.
2. Select **Disable**, **TTY Full**, **TTY Talk** or **TTY Hear**.
   - **Disable**: TTY mode is disabled.
   - **TTY Full**: Users who cannot talk and hear, can send and receive a text message.
   - **TTY Talk**: Users who can talk but cannot hear, can receive a text message and reply with voice message.
   - **TTY Hear**: Users who can hear but cannot talk, can send a text message and receive a voice message.

Note TTY is activated when the wired headset is connected.

8 Appendix

Alert message

Troubleshooting checklist

Safety information

Safety precautions

About the battery usage

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

FCC Regulatory Compliance

Warranty

PANTECH swift

at&t

Alert message

If you experience any problem while using your mobile phone, please refer to the following checklist. If the problem still persists, contact your dealer or nearest carrier.

When the “Insert SIM Card” message appears:

Make sure the SIM card is correctly installed. Check to see if the SIM card is working properly. If it does not work, try to clean the contact points of the card with a dry cloth. If it is out of order, take it to your service provider.

When the “Messages full” message appears:

The received or saved messages are full in your phone memory. You need to delete some messages.

When the “Phone and SIM messages are full. Delete Messages” message appears:

The received or saved messages are full in your phone and SIM card memory. You need to delete some messages.

When the “Password” message appears in Phone locked state:

Enter the phone password. The default password is”1234”. If you cannot remember the password, contact your nearest carrier.

When the “Enter PIN1” message appears:

Input PIN1. If you cannot remember it, contact your service provider.

You can still receive calls even if your mobile phone becomes locked after entering the incorrect PIN1 on three consecutive attempts.

When the “No Service” or “Network Search” message appears:

If you cannot make/receive a call when you are indoors or underground where the signal strength is poor, move toward a window or go out to an open area. If you still cannot make a connection, contact your service provider.

Troubleshooting checklist

When audio quality is poor:

End the call and try again.

When the other party cannot hear you speaking:

Your phone may be set to MUTE. Disable the MUTE function. Make sure your hand is not covering the microphone.

When battery lifetime is shorter than usual:

This may happen when you are in an area with low signal strength. Turn off your phone when it is not in use. Charge the battery when battery energy is exhausted.

When your mobile phone does not turn on:

Make sure your battery is charged. Check to see if your phone works while recharging the battery.

When you are unable to send a message:

Either you are not registered to receive an SMS service, or you may be in an area where your network service provider cannot provide such a service. If the phone memory is full, you can not send a message.

When you are unable to make a call:

Your phone may be set to “fixed dial.” Cancel the “fixed dial” function.

When you are unable to receive a call:

Your phone may be set to “Call Forwarding”. Cancel the “Call Forwarding” function.

When you are unable to charge the battery:

This may be the result of one of the following cases.

1. Your charger may be out of order. Contact your nearest dealer.
2. You may be attempting to use the phone in an overly hot/cold temperature. Try changing the charging environment.
3. Your battery may have not been connected to the charger properly. Check the connector.

When you are unable to input data into your Address Book:

Your Address Book memory may be full. Try deleting some entries from your Address Book.

When you are unable to select a certain function:

You may not have subscribed to that function, or your network service provider may be in an area where such service cannot be provided. Contact your local service provider.

Safety information

The following list shows how to maintain your mobile phone, together with precautions to take.

- Keep your mobile phone and its accessories out of the reach of children and pets.
- Maintain your mobile phone in dry conditions and keep it within normal operating temperatures. Temperatures higher than 131°F (55°C) or lower than -4°F (-20°C) may damage your phone.
- Do not try to dry your phone in a microwave oven. If not, sparks can occur and cause an explosion or fire.
- Do not use or store your mobile phone in dusty, dirty areas.
- Do not attempt to disassemble your mobile phone.
- Do not drop or cause severe impact to your mobile phone.
- Do not use chemical products, cleaning solvents or detergents to clean your mobile phone.
- If your mobile phone does not work properly, contact your dealer immediately.
- Use only authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and accessories will void the limited product warranty.
- Ensure that the battery and battery charger do not come in contact with conductive objects.
- For optimal phone performance, use cases and accessories that do not contain magnets in close proximity.

Safety precautions

Using a mobile phone while driving may be prohibited.

Please check local laws and regulations with regard to the prohibition of mobile phone use while driving, and comply with them.

Use of your phone while you are driving may disturb your concentration and so cause an accident. Always switch your phone off to drive safely.

You should use your phone in an emergency, either use a hands free device built into your car or pull over in a safe place first.

Switch off in restricted areas

Always switch your phone off in areas where mobile phone use is restricted.

Switch off in explosive or dangerous areas

Always switch your phone off in areas with explosive or dangerous materials (such as fuels, fuel stations or areas containing chemical goods) and obey any instructions or signals. Do not remove your mobile phone's battery in such areas.

Switch off in aircraft

Always switch your phone off or select **Flight** Mode (Tap Menu > Settings > Profiles > Flight Mode) when you are in an aircraft.

The electromagnetic waves emitted by your phone may affect the electronic navigation equipment in the aircraft.

Switch off in hospitals and near medical equipment

Always switch your phone off in hospitals, and obey the regulations or rules of the hospital.

Switch your phone off when using medical equipment for private purposes, if possible. Always consult with the medical equipment's manufacturer or an expert regarding phone use near the medical equipment.

Installing a hands free device in your vehicle

Install vehicle hands free devices away from the steering wheel and airbag expansion area, otherwise injury may result.

Mobile phones and other electronic devices

Mobile phones emit electromagnetic waves that may affect nearby electronic devices. When it is switched on, do not place your phone close to delicate electronic equipment.

About the battery usage

Your phone is powered by a Lithium Ion (Li-Ion) battery. This means that, unlike other forms of battery technology, you can recharge your battery while some charge remains without reducing your phone's autonomy due to the "battery memory effect" inherent in those technologies.

- Do not use a damaged battery or charger.
- Do not disassemble, open, crush, bend, deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Do not put your battery into contact with conductive objects.

- Dispose of and recycle used batteries in accordance with local regulations. Do not dispose of batteries by burning; they may explode.
- Do not use an unauthorized charger.
- Only use the battery for the device for which it is specified.
- Only use the battery with a charging device that has been qualified with the device per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the device per this standard, IEEE-Std-1725-2006.
- Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Use your battery for the specified purpose only.
- The closer you are to your network’s base station, the longer your phone usage time because less battery power is consumed for the connection.
- The battery recharging time varies depending on the remaining battery capacity and the battery and charger type you use.
- Battery life inevitably shortens over time.

- Use an authorized battery and charger only.
- Since overcharging may shorten battery life, remove the phone from its charger once it is fully charged. Unplug the charger, once charging is complete. Leaving the battery in hot or cold places, especially inside a car in summer or winter, may reduce the capacity and life of the battery. Always keep the battery within normal temperatures.
- To prevent injury or burns, ensure that no metal objects come into contact with the + and – terminals of the battery.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

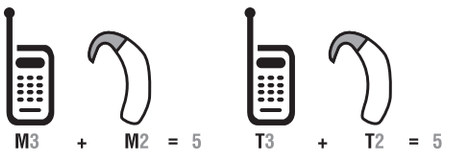
The ratings are not guarantees. Results will vary depending on the user's hearing device and

hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

- **M-Ratings**: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.
- **T-Ratings**: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

THIS PHONE HAS A HAC RATING OF M3/T3.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider about its return and exchange policies and for information on hearing aid compatibility. Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. *See page 95* for instructions to disable these components.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider about its return and exchange policies and for information on hearing aid compatibility.

FCC Regulatory Compliance

FCC Regulatory Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Your mobile device is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile devices. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies: American National Standard Institute (ANSI), National Council of Radiation Protection and Measurements (NCRP), and International Commission on Non-Ionizing Radiation Protection (ICNRP). Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. The design of your phone complies with the FCC guidelines.

Statement according to FCC part 15.105

note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Statement according to FCC part 15.21

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

RF exposure FCC

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 20 mm (0.79 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Health and Safety Information FCC

This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures

specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

**This device contains 1800 MHz GSM functions that are not operational in U.S. Territories; this filing is applicable only for 850 MHz GSM and 1900 MHz PCS operations.

Warranty

Protect Your Warranty

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

“Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling, misuse, neglect or accident”.

Many companies are making look alike accessories and in some cases, promoting that their product is equal to or better than the Pantech product. Be careful. Some of these products may not be compatible to use with your Pantech product and may damage the unit or cause it to malfunction.

If service is required on your unit and it is determined that a non-Pantech accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has

already suffered irreversible damage by reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Pantech product.

12 Month Limited Warranty

Pantech Wireless, Inc. (the Company) warrants to the original retail purchaser of this Pantech handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) months period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, key pad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase. This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

(a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;

(b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

(c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;

(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company by calling the number listed below or to the place of purchase for repair or replacement processing.

To locate Pantech Authorized Service Center, call: (800) 962-8622 or email HandsetHelp@Pantech.com.

Please have the following information available when you send the phone in for repair:

- A valid original Proof of Purchase
- Return address
- Daytime phone number or fax number
- Model #
- IMEI # (Look for the 15 digit IMEI # behind the battery of the device.)

- Complete description of the problem
- Transportation prepaid

Other Warranty Program

You may have other warranty program with your purchase, such as warranty exchange. If so, please refer to equipment package or the original point of sale.

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

For technical support in the U.S. & Canada, call (800) 962-8622.

Or email: HandsetHelp@Pantech.com.

Or visit the web site: www.pantechusa.com

For all other inquiry, write to:

PANTECH WIRELESS, INC.

5607 Glenridge Dr. Suite 500 Atlanta, GA 30342